

Stibnite Gold Project EIS

Appendix I

Wetlands and Riparian Resources

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Appendix I-1: Wetland Functional Impacts Tables

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Table I-1-1 Wetland Functional Point Summary for all Assessment Areas

AA Number	AA Name	Portion of the Analysis Area	Wetland Category ¹	Primary Functions ²	Habitat for S1, S2, or S3 Species	Listed/Proposed T&E Species Habitat	General Wildlife Habitat	General Fish Habitat	Flood Attenuation	Long- and Short-term Surface Water Storage	Sediment/Nutrient/Toxicant Retention and/or Removal	Sediment/Shoreline Stabilization	Production Export/Terrestrial and Aquatic Food Chain Support	Groundwater Discharge/Recharge	Uniqueness	Recreation/Education Potential	Total Baseline Function	Wetlands Area (acres)	Total Functional Units
1	Meadow Creek Valley Upstream of SODA	Mine Site	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	0.7	0.0	0.4	NA	0.9	0.3	0.4	NA	0.8	1.0	0.5	0.15	5.15	11.8	60.7
2	Upper Meadow Creek Riparian	Mine Site	II	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Ground Water Discharge/ Recharge	0.9	0.0	0.4	NA	0.9	0.9	0.4	NA	0.9	1.0	0.5	0.2	6.10	65.3	398.2
3	Meadow Creek Hillside Seeps	Mine Site	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.9	0.0	0.4	NA	NA	NA	0.9	NA	0.9	1.0	0.4	0.15	4.65	31.5	146.5
4	Lower Meadow Creek Valley Wetlands	Mine Site	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.5	NA	NA	0.7	0.4	NA	0.8	1.0	0.4	0.05	4.55	12.7	57.7
5	Lower Meadow Creek Riparian	Mine Site	III	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.5	NA	0.9	0.8	0.4	0.7	0.8	1.0	0.4	0.05	6.25	49.5	309.3
6	Meadow Creek Hillside Seeps	Mine Site	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.7	NA	NA	0.3	0.7	NA	0.8	1.0	0.3	0.10	4.60	16.2	74.4
7	East Fork Meadow Creek (Blowout Creek) Valley Wetlands	Mine Site	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Groundwater Discharge/ Recharge	0.1	0.1	0.5	NA	0.8	1.0	0.4	NA	0.8	1.0	0.4	NA	5.10	48.7	248.3

AA Number	AA Name	Portion of the Analysis Area	Wetland Category ¹	Primary Functions ²	Habitat for S1, S2, or S3 Species	Listed/Proposed T&E Species Habitat	General Wildlife Habitat	General Fish Habitat	Flood Attenuation	Long- and Short-term Surface Water Storage	Sediment/Nutrient/Toxicant Retention and/or Removal	Sediment/Shoreline Stabilization	Production Export/Terrestrial and Aquatic Food Chain Support	Groundwater Discharge/Recharge	Uniqueness	Recreation/Education Potential	Total Baseline Function	Wetlands Area (acres)	Total Functional Units
8	East Fork Meadow Creek (Blowout Creek) Slope Wetlands	Mine Site	III	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.1	0.0	0.4	NA	NA	NA	0.4	NA	0.8	1.0	0.4	NA	3.10	12.6	39.2
9	EFSFSR Valley Downstream of Meadow Creek	Mine Site	III	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.2	0.5	NA	NA	0.1	NA	0.7	0.7	0.3	0.15	3.35	4.6	15.5
10	EFSFSR Riparian Downstream of Meadow Creek	Mine Site	II	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.9	0.8	0.5	0.6	0.6	0.8	0.2	0.7	0.8	1.0	0.4	0.15	7.45	23.6	175.6
11	Slope between DMEA to Hennessy Creek	Mine Site	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.6	0.3	0.4	NA	NA	NA	0.4	NA	0.7	1.0	0.4	NA	3.80	2.7	10.3
12	Slope between Garnet Creek and Midnight Creek	Mine Site	III	Listed/Proposed T&E Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.3	0.2	NA	NA	NA	0.4	NA	0.7	1.0	0.3	NA	3.60	10.2	36.6
13	Fiddle Creek Valley Wetlands	Mine Site	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.8	0.1	0.7	NA	0.7	0.4	0.9	NA	0.9	1.0	0.5	NA	6.00	16.4	98.4
14	Fiddle Creek Slope Wetlands	Mine Site	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.6	0.1	0.4	NA	NA	NA	0.7	NA	0.8	1.0	0.4	NA	4.00	3.4	13.7
15	Hennessy Creek Valley Wetlands	Mine Site	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.0	0.0	0.7	NA	NA	0.4	0.9	NA	0.8	1.0	0.4	NA	4.20	1.4	6.1

AA Number	AA Name	Portion of the Analysis Area	Wetland Category ¹	Primary Functions ²	Habitat for S1, S2, or S3 Species	Listed/Proposed T&E Species Habitat	General Wildlife Habitat	General Fish Habitat	Flood Attenuation	Long- and Short-term Surface Water Storage	Sediment/Nutrient/Toxicant Retention and/or Removal	Sediment/Shoreline Stabilization	Production Export/Terrestrial and Aquatic Food Chain Support	Groundwater Discharge/Recharge	Uniqueness	Recreation/Education Potential	Total Baseline Function	Wetlands Area (acres)	Total Functional Units
16	Hennessy Creek Slope Wetlands	Mine Site	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.0	0.0	0.2	NA	NA	0.4	0.6	NA	0.7	1.0	0.2	NA	3.10	8.4	26.1
17	Midnight Creek Wetland 1	Mine Site	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.8	0.0	0.2	NA	NA	NA	0.1	NA	0.3	0.7	0.2	NA	2.30	0.2	0.5
18	Midnight Creek Wetland 2	Mine Site	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.6	0.0	0.2	NA	NA	NA	0.1	NA	0.3	0.7	0.2	NA	2.10	0.1	0.1
19	Midnight Creek Wetland 3	Mine Site	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.6	0.0	0.1	NA	NA	NA	0.1	NA	0.3	0.7	0.2	NA	2.00	0.9	1.8
20	Midnight Creek Wetland 4	Mine Site	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.6	0.0	0.1	NA	NA	NA	0.1	NA	0.3	0.7	0.2	NA	2.00	0.1	0.2
21	Midnight Creek Wetland 5	Mine Site	III	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.0	0.0	0.2	NA	NA	NA	0.1	NA	0.5	0.7	0.2	NA	1.70	1.5	2.5
22	Midnight Creek Wetland 6	Mine Site	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.0	0.0	0.1	NA	NA	NA	0.1	NA	0.3	0.7	0.2	NA	1.40	0.2	0.3
23	Midnight Creek Wetland 7	Mine Site	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.0	0.0	0.1	NA	NA	NA	0.1	NA	0.3	0.7	0.2	NA	1.40	0.2	0.3
24	Midnight Creek Wetland 8	Mine Site	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.0	0.0	0.1	NA	NA	NA	0.1	NA	0.3	0.7	0.2	NA	1.40	0.1	0.2

AA Number	AA Name	Portion of the Analysis Area	Wetland Category ¹	Primary Functions ²	Habitat for S1, S2, or S3 Species	Listed/Proposed T&E Species Habitat	General Wildlife Habitat	General Fish Habitat	Flood Attenuation	Long- and Short-term Surface Water Storage	Sediment/Nutrient/Toxicant Retention and/or Removal	Sediment/Shoreline Stabilization	Production Export/Terrestrial and Aquatic Food Chain Support	Groundwater Discharge/Recharge	Uniqueness	Recreation/Education Potential	Total Baseline Function	Wetlands Area (acres)	Total Functional Units
25	West End Creek Wetland 1	Mine Site	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.6	0.0	0.2	NA	NA	NA	0.1	NA	0.3	1.0	0.2	NA	2.40	0.6	1.5
26	West End Creek Wetland 2	Mine Site	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.6	0.0	0.2	NA	NA	NA	0.1	NA	0.3	1.0	0.2	NA	2.40	0.2	0.5
27	West End Creek Wetland 3	Mine Site	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.6	0.0	0.2	NA	NA	NA	0.1	NA	0.3	1.0	0.2	NA	2.40	1.5	3.6
28	Exploration Area North of Sugar	Mine Site	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.6	0.0	0.5	NA	NA	0.2	1.0	NA	0.6	1.0	0.1	NA	4.00	0.8	3.3
29	Rabbit Creek Slope Wetlands	Mine Site	III	General Wildlife Habitat Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.7	NA	NA	NA	0.4	NA	0.8	1.0	0.4	NA	4.00	5.0	20.1
30	Burntlog Alternative Wetlands	Outside Mine Site	III	Natural Heritage Program Species Habitat General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.7	NA	NA	NA	0.4	NA	0.9	1.0	0.4	NA	4.10	42.7	175.1
31	Burntlog Wetlands from Existing Road to Thunder Mountain Road	Outside Mine Site	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	0.1	0.0	0.9	NA	NA	NA	NA	NA	1.0	1.0	0.5	NA	3.50	33.2	116.2
32	Riordan Road Alternative and Power Line Corridor	Outside Mine Site	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.7	NA	NA	0.4	0.4	NA	0.9	1.0	0.4	NA	4.50	35.2	158.4

AA Number	AA Name	Portion of the Analysis Area	Wetland Category ¹	Primary Functions ²	Habitat for S1, S2, or S3 Species	Listed/Proposed T&E Species Habitat	General Wildlife Habitat	General Fish Habitat	Flood Attenuation	Long- and Short-term Surface Water Storage	Sediment/Nutrient/Toxicant Retention and/or Removal	Sediment/Shoreline Stabilization	Production Export/Terrestrial and Aquatic Food Chain Support	Groundwater Discharge/Recharge	Uniqueness	Recreation/Education Potential	Total Baseline Function	Wetlands Area (acres)	Total Functional Units
33	Johnson Creek Road Alternative	Outside Mine Site	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Uniqueness	0.8	0.0	0.5	NA	0.3	0.8	0.9	NA	0.8	NA	0.4	0.20	4.70	50.6	237.8
34	Cabin/Trout Creek Wetlands	Outside Mine Site	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.8	0.0	0.7	NA	NA	0.2	0.7	NA	0.9	1.0	0.4	NA	4.70	46.8	220.1
35	Power Line Corridor	Outside Mine Site	IV	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.8	0.0	0.7	NA	NA	0.5	0.7	NA	0.7	1.0	0.4	NA	4.80	7.3	35.2
36	Thunder Mountain Road Wetlands	Outside Mine Site	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.1	0.0	0.7	NA	NA	0.2	NA	NA	0.6	1.0	0.2	NA	2.80	12.3	34.5
37	Thunder Mountain Alternative	Outside Mine Site	II	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	0.1	0.0	0.7	NA	NA	1.0	1.0	NA	0.9	1.0	0.4	0.15	5.25	33.0	173.4
38	EFSFSR between Thunder Mountain Road and Meadow Creek	Mine Site	II	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.7	0.0	0.7	NA	NA	0.9	0.7	NA	0.9	1.0	0.4	NA	5.30	15.0	79.2
39	Upper East Fork Wetlands	Mine Site	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.9	0.0	0.7	NA	0.3	1.0	0.4	0.7	0.9	1.0	0.2	0.2	6.30	26.4	166.4

AA Number	AA Name	Portion of the Analysis Area	Wetland Category ¹	Primary Functions ²	Habitat for S1, S2, or S3 Species	Listed/Proposed T&E Species Habitat	General Wildlife Habitat	General Fish Habitat	Flood Attenuation	Long- and Short-term Surface Water Storage	Sediment/Nutrient/Toxicant Retention and/or Removal	Sediment/Shoreline Stabilization	Production Export/Terrestrial and Aquatic Food Chain Support	Groundwater Discharge/Recharge	Uniqueness	Recreation/Education Potential	Total Baseline Function	Wetlands Area (acres)	Total Functional Units
40	Stibnite Road Wetlands	Outside Mine Site	III	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	0.0	0.0	0.5	NA	0.9	0.7	0.4	0.6	0.8	NA	0.3	0.2	4.40	26.1	114.7
41	Wetlands Along Sugar Creek	Mine Site	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	0.6	0.0	0.3	NA	0.3	0.3	0.4	1.0	0.4	1.0	0.2	NA	4.50	1.2	5.4
42	Warm Lake Road Wetlands Logistics Facility	Outside Mine Site	III	Flood Attenuation Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	0.0	0.0	0.5	NA	0.7	0.2	0.9	1.0	0.8	NA	0.3	0.05	4.45	7.7	34.4
43	Transmission Line Wetlands	Outside Mine Site	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	0.6	0.0	0.5	NA	NA	0.9	1.0	NA	0.7	NA	0.1	NA	3.80	47.5	180.5
44	Transmission Line Wetlands River Adjacent	Outside Mine Site	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	0.6	0.0	0.7	0.6	0.3	0.8	0.9	1.0	0.9	NA	0.2	0.15	6.15	6.9	42.4

Table Source: HDR 2016; Tetra Tech 2018

Table Notes:

1 Wetland categories range from I (highest functional value) to IV (lowest functional value) (Berglund and McEldowney 2008). No Category I wetlands were documented in the analysis area.

2 Primary functions listed are the four primary functions identified for each AA on Wetland Assessment Forms (HDR 2016 and Tetra Tech 2018) AA = Assessment Area.

DMEA = Defense Minerals Exploration Administration. EFSFSR = East Fork of the South Fork of the Salmon River. NWI = National Wetlands Inventory.

SGLF = Stibnite Gold Logistics Facility. SODA = spent ore disposal area.

NA = The function is not relevant to the AA being assessed (refer to MWAM guidelines, Berglund and McEldowney 2008).

Table I-1-2 Wetland Functional Impacts under Alternative 1 by AA

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
1	Meadow Creek Valley Upstream of SODA	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Mine Site	11.8	1.1	-	9.2%	60.7	5.6
2	Upper Meadow Creek Riparian	II	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Ground Water Discharge/ Recharge	Mine Site	65.3	54.9	-	84.1%	398.2	334.8
3	Meadow Creek Hillside Seeps	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	31.5	5.7	-	18.1%	146.5	26.6
4	Lower Meadow Creek Valley Wetlands	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	12.7	11.1	-	87.2%	57.7	50.3
5	Lower Meadow Creek Riparian	III	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	49.5	27.1	-	54.9%	309.3	169.7
6	Meadow Creek Hillside Seeps	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.2	2.3	-	14.2%	74.4	10.5
7	East Fork of Meadow Creek Valley Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Groundwater Discharge/ Recharge	Mine Site	48.7	0.1	-	0.2%	248.3	0.5
8	East Fork of Meadow Creek Slope Wetlands	III	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	12.6	-	-	0.0%	39.2	0.0
9	EFSFSR Valley Downstream of MC	III	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	4.6	1.8	-	38.2%	15.5	5.9
10	EFSFSR Riparian Downstream of MC	II	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	23.6	9.1	0.1	39.0%	175.6	68.5
11	Slope Between DMEA to Hennessy Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	2.7	0.8	-	29.5%	10.3	3.0

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
12	Slope Between Garnet Creek and Midnight Creek	III	Listed/Proposed T&E Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	10.2	2.6	-	26.0%	36.6	9.5
13	Fiddle Creek Valley Wetlands	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.4	8.9	-	54.6%	98.4	53.7
14	Fiddle Creek Slope Wetlands	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	3.4	-	-	0.0%	13.7	0.0
15	Hennessy Valley Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	1.4	0.3	-	18.1%	6.1	1.1
16	Hennessy Creek Slope Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	8.4	0.6	-	6.8%	26.1	1.8
17	Midnight Creek Wetland 1	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	-	-	0.0%	0.5	0.0
18	Midnight Creek Wetland 2	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.1	0.0
19	Midnight Creek Wetland 3	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.9	-	-	0.0%	1.8	0.0
20	Midnight Creek Wetland 4	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.2	0.0
21	Midnight Creek Wetland 5	III	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	0.7	-	47.9%	2.5	1.2
22	Midnight Creek Wetland 6	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
23	Midnight Creek Wetland 7	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
24	Midnight Creek Wetland 8	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	0.1	-	100.0%	0.2	0.2

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
25	West End Creek Wetland 1	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.6	0.6	-	100.0%	1.5	1.5
26	West End Creek Wetland 2	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.0	-	7.0%	0.5	0.0
27	West End Creek Wetland 3	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	-	-	0.0%	3.6	0.0
28	Exploration Area North of Sugar Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	0.8	-	-	0.0%	3.3	0.0
29	Rabbit Creek Slope Wetlands	III	General Wildlife Habitat Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	5.0	-	-	0.0%	20.1	0.0
30	Burntlog Alternative Wetlands - Existing Road	III	Natural Heritage Program Species Habitat General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	42.7	4.2	-	9.7%	175.1	17.1
31	Burntlog Wetlands from Existing Road to Thunder Mountain Road	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Access Roads	33.2	4.8	-	14.4%	116.2	16.7
32	Riordan Road Alternative and Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	35.2	0.3	0.8	3.3%	158.4	5.2
33	Johnson Creek Road Alternative/ Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Uniqueness	Utilities	50.6	1.3	0.1	2.7%	237.8	6.4
34	Cabin/Trout Creek Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	46.8	1.5	0.0	3.3%	220.1	7.2
35	Power Line Corridor Along Warm Lake Road	IV	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	7.3	0.3	0.0	4.1%	35.2	1.4
36	Thunder Mountain Road Wetlands	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	12.3	-	-	0.0%	34.5	0.0

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
37	Thunder Mountain Road Alternative	II	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Access Roads	33.0	5.2	-	15.8%	173.4	27.5
38	EFSFSR between Thunder Mountain Road and Meadow Creek	II	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	15.0	0.5	-	3.1%	79.2	2.4
39	Upper East Fork Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	26.4	1.6	-	6.2%	166.4	10.3
40	Stibnite Road Wetlands	III	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Access Roads	26.1	-		0.0%	114.7	0.0
41	Wetlands Along Sugar Creek	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	1.2	-		0.0%	5.4	0.0
42	Proposed Logistics Center Wetlands	III	Flood Attenuation Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Off-site Facilities	7.7	0.8		10.2%	34.4	3.5
43	Transmission Line Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Utilities; Transmission Line	47.5	2.6		5.5%	180.5	10.0
44	Transmission Line Wetlands - River	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Utilities; Transmission Line	6.9	0.2		2.5%	42.4	1.0
Total	--	--	--	--	722.4	151.6	1.0	NA	3,525.0	853.8

Table Sources: HDR 2016; Tetra Tech 2018

Table Notes:

- 1 Wetland categories range from I (highest functional value) to IV (lowest functional value) (Berglund and McEldowney 2008). No Category I wetlands were documented in the analysis area.
- 2 Primary functions listed are the four primary functions identified for each AA on Wetland Assessment Forms (HDR 2016 and Tetra Tech 2018)
- 3 Total wetland acreages include only areas delineated and assessed for the Project; it does not include National Wetlands Inventory data used to extrapolate wetland impacts across the entire analysis area.
- 4 Proposed wetland impact acreage includes only areas delineated and assessed for the Project; it does not include National Wetlands Inventory data used to extrapolate wetland impacts across the entire analysis area.
- 5 Efforts to gain approval of existing wetland functional assessment scores are ongoing and may result in changes relative to the totals listed in this table. Total Functional Units reported are consistent with functional unit scores presented in Table I-1-1
- 6 Functional unit impacts were calculated by multiplying the percentage of AA impact by the total functional units associated with each AA.

AA = Assessment Area.

DMEA = Defense Minerals Exploration Administration. EFSFSR = East Fork of the South Fork of the Salmon River. NWI = National Wetlands Inventory.

SGLF = Stibnite Gold Logistics Facility. SODA = spent ore disposal area.

NA = not applicable

Table I-1-3 Wetland Functional Impacts under Alternative 2 by AA

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
1	Meadow Creek Valley Upstream of SODA	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Mine Site	11.8	1.1	-	9.2%	60.7	5.6
2	Upper Meadow Creek Riparian	II	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Ground Water Discharge/ Recharge	Mine Site	65.3	54.9	-	84.1%	398.2	334.8
3	Meadow Creek Hillside Seeps	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	31.5	5.7	-	18.1%	146.5	26.6
4	Lower Meadow Creek Valley Wetlands	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	12.7	11.1	-	87.2%	57.7	50.3
5	Lower Meadow Creek Riparian	III	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	49.5	27.1	-	54.9%	309.3	169.7
6	Meadow Creek Hillside Seeps	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.2	2.3	-	14.2%	74.4	10.5
7	East Fork of Meadow Creek Valley Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Groundwater Discharge/ Recharge	Mine Site	48.7	0.1	-	0.2%	248.3	0.5
8	East Fork of Meadow Creek Slope Wetlands	III	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	12.6	-	-	0.0%	39.2	0.0
9	EFSFSR Valley Downstream of MC	III	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	4.6	1.8	-	39.5%	15.5	6.1
10	EFSFSR Riparian Downstream of MC	II	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	23.6	9.4	0.1	40.1%	175.6	70.5
11	Slope Between DMEA to Hennessy Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	2.7	0.8	-	29.5%	10.3	3.0

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
12	Slope Between Garnet Creek and Midnight Creek	III	Listed/Proposed T&E Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	10.2	2.6	-	26.0%	36.6	9.5
13	Fiddle Creek Valley Wetlands	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.4	8.9	-	54.6%	98.4	53.7
14	Fiddle Creek Slope Wetlands	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	3.4	-	-	0.0%	13.7	0.0
15	Hennessy Valley Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	1.4	0.3	-	18.1%	6.1	1.1
16	Hennessy Creek Slope Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	8.4	0.6	-	7.0%	26.1	1.8
17	Midnight Creek Wetland 1	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	-	-	0.0%	0.5	0.0
18	Midnight Creek Wetland 2	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.1	0.0
19	Midnight Creek Wetland 3	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.9	-	-	0.0%	1.8	0.0
20	Midnight Creek Wetland 4	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.2	0.0
21	Midnight Creek Wetland 5	III	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	0.7	-	47.9%	2.5	1.2
22	Midnight Creek Wetland 6	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
23	Midnight Creek Wetland 7	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
24	Midnight Creek Wetland 8	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	0.1	-	100.0%	0.2	0.2

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
25	West End Creek Wetland 1	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.6	0.6	-	100.0%	1.5	1.5
26	West End Creek Wetland 2	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	-	-	0.0%	0.5	0.0
27	West End Creek Wetland 3	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	-	-	0.0%	3.6	0.0
28	Exploration Area North of Sugar Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	0.8	-	-	0.0%	3.3	0.0
29	Rabbit Creek Slope Wetlands	III	General Wildlife Habitat Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	5.0	-	-	0.0%	20.1	0.0
30	Burntlog Alternative Wetlands - Existing Road	III	Natural Heritage Program Species Habitat General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	42.7	4.2	-	9.7%	175.1	17.1
31	Burntlog Wetlands from Existing Road to Thunder Mountain Road	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Access Roads	33.2	1.8	-	5.4%	116.2	6.3
32	Riordan Road Alternative and Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	35.2	0.3	0.8	3.3%	158.4	5.2
33	Johnson Creek Road Alternative/Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Uniqueness	Utilities	50.6	1.3	0.1	2.7%	237.8	6.4
34	Cabin/Trout Creek Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	46.8	1.5	0.0	3.3%	220.1	7.2
35	Power Line Corridor Along Warm Lake Road	IV	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	7.3	0.3	0.0	4.1%	35.2	1.4
36	Thunder Mountain Road Wetlands	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	12.3	-	-	0.0%	34.5	0.0

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
37	Thunder Mountain Road Alternative	II	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Access Roads	33.0	-	-	0.0%	173.4	0.0
38	EFSFSR between Thunder Mountain Road and Meadow Creek	II	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	15.0	0.5	-	3.1%	79.2	2.4
39	Upper East Fork Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	26.4	1.6	-	6.2%	166.4	10.3
40	Stibnite Road Wetlands	III	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Access Roads	26.1	-	-	0.0%	114.7	0.0
41	Wetlands Along Sugar Creek	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	1.2	-	-	0.0%	5.4	0.0
42	Proposed Logistics Center Wetlands	III	Flood Attenuation Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Off-site Facilities	7.7	0.8	-	10.2%	34.4	3.5
43	Transmission Line Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Utilities; Transmission Line	47.5	1.8	-	3.9%	180.5	7.0
44	Transmission Line Wetlands - River	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Utilities; Transmission Line	6.9	0.0	-	0.6%	42.4	0.3
Total	--	--	--	--	722.4	142.8	1.0	NA	3,525.0	814.4

Table Sources: HDR 2016; Tetra Tech 2018

Table Notes:

- 1 Wetland categories range from I (highest functional value) to IV (lowest functional value) (Berglund and McEldowney 2008). No Category I wetlands were documented in the analysis area.
- 2 Primary functions listed are the four primary functions identified for each AA on Wetland Assessment Forms (HDR 2016 and Tetra Tech 2018)
- 3 Total wetland acreages include only areas delineated and assessed for the Project; it does not include National Wetlands Inventory data used to extrapolate wetland impacts across the entire analysis area.
- 4 Proposed wetland impact acreage includes only areas delineated and assessed for the Project; it does not include National Wetlands Inventory data used to extrapolate wetland impacts across the entire analysis area.
- 5 Efforts to gain approval of existing wetland functional assessment scores are ongoing and may result in changes relative to the totals listed in this table. Total Functional Units reported are consistent with functional unit scores presented in Table I-1-1
- 6 Functional unit impacts were calculated by multiplying the percentage of AA impact by the total functional units associated with each AA.

AA = Assessment Area.

DMEA = Defense Minerals Exploration Administration. EFSFSR = East Fork of the South Fork of the Salmon River. NWI = National Wetlands Inventory.

SGLF = Stibnite Gold Logistics Facility. SODA = spent ore disposal area.

NA = not applicable

Table I-1-4 Wetland Functional Impacts under Alternative 3 by AA

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
1	Meadow Creek Valley Upstream of SODA	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Mine Site	11.8	-	-	0.0%	60.7	0.0
2	Upper Meadow Creek Riparian	II	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Ground Water Discharge/ Recharge	Mine Site	65.3	1.0	-	1.5%	398.2	6.0
3	Meadow Creek Hillside Seeps	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	31.5	0.3	-	0.9%	146.5	1.3
4	Lower Meadow Creek Valley Wetlands	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	12.7	9.0	-	70.7%	57.7	40.8
5	Lower Meadow Creek Riparian	III	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	49.5	12.6	-	25.4%	309.3	78.7
6	Meadow Creek Hillside Seeps	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.2	-	-	0.0%	74.4	0.0
7	East Fork of Meadow Creek Valley Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Groundwater Discharge/ Recharge	Mine Site	48.7	0.7	-	1.5%	248.3	3.8
8	East Fork of Meadow Creek Slope Wetlands	III	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	12.6	2.6	-	20.9%	39.2	8.2
9	EFSFSR Valley Downstream of MC	III	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	4.6	1.9	-	40.6%	15.5	6.3
10	EFSFSR Riparian Downstream of MC	II	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	23.6	10.2	0.1	43.5%	175.6	76.4
11	Slope Between DMEA to Hennessy Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	2.7	0.8	-	29.5%	10.3	3.0
12	Slope Between Garnet Creek and Midnight Creek	III	Listed/Proposed T&E Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	10.2	2.6	-	26.0%	36.6	9.5

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
13	Fiddle Creek Valley Wetlands	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.4	8.9	-	54.6%	98.4	53.7
14	Fiddle Creek Slope Wetlands	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	3.4	-	-	0.0%	13.7	0.0
15	Hennessy Valley Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	1.4	0.3	-	18.1%	6.1	1.1
16	Hennessy Creek Slope Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	8.4	0.6	-	6.8%	26.1	1.8
17	Midnight Creek Wetland 1	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	-	-	0.0%	0.5	0.0
18	Midnight Creek Wetland 2	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.1	0.0
19	Midnight Creek Wetland 3	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.9	-	-	0.0%	1.8	0.0
20	Midnight Creek Wetland 4	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.2	0.0
21	Midnight Creek Wetland 5	III	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	0.7	-	47.9%	2.5	1.2
22	Midnight Creek Wetland 6	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
23	Midnight Creek Wetland 7	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
24	Midnight Creek Wetland 8	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	0.1	-	100.0%	0.2	0.2
25	West End Creek Wetland 1	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.6	0.6	-	100.0%	1.5	1.5

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
26	West End Creek Wetland 2	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.0	-	7.0%	0.5	0.0
27	West End Creek Wetland 3	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	-	-	0.0%	3.6	0.0
28	Exploration Area North of Sugar Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	0.8	-	-	0.0%	3.3	0.0
29	Rabbit Creek Slope Wetlands	III	General Wildlife Habitat Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	5.0	0.7	-	14.3%	20.1	2.9
30	Burntlog Alternative Wetlands - Existing Road	III	Natural Heritage Program Species Habitat General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	42.7	4.2	-	9.7%	175.1	17.1
31	Burntlog Wetlands from Existing Road to Thunder Mountain Road	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Access Roads	33.2	4.8	-	14.4%	116.2	16.7
32	Riordan Road Alternative and Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	35.2	0.3	0.8	3.3%	158.4	5.2
33	Johnson Creek Road Alternative/ Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Uniqueness	Utilities	50.6	1.3	0.1	2.7%	237.8	6.4
34	Cabin/Trout Creek Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	46.8	1.5	0.0	3.3%	220.1	7.2
35	Power Line Corridor Along Warm Lake Road	IV	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	7.3	0.3	0.0	4.1%	35.2	1.4
36	Thunder Mountain Road Wetlands	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	12.3	-	-	0.0%	34.5	0.0
37	Thunder Mountain Road Alternative	II	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Access Roads	33.0	5.2	-	15.8%	173.4	27.5

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
38	EFSFSR between Thunder Mountain Road and Meadow Creek	II	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	15.0	0.8	-	5.0%	79.2	4.0
39	Upper East Fork Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	26.4	22.4	-	84.9%	166.4	141.3
40	Stibnite Road Wetlands	III	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Access Roads	26.1	-	-	0.0%	114.7	0.0
41	Wetlands Along Sugar Creek	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	1.2	-	-	0.0%	5.4	0.0
42	Proposed Logistics Center Wetlands	III	Flood Attenuation Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Off-site Facilities	7.7	0.8	-	10.2%	34.4	3.5
43	Transmission Line Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Utilities; Transmission Line	47.5	2.6	-	5.5%	180.5	10.0
44	Transmission Line Wetlands - River	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Utilities; Transmission Line	6.9	0.2	-	2.5%	42.4	1.0
Total	--	--	--	--	722.4	98.4	1.0	NA	3,525.0	538.2

Table Sources: HDR 2016; Tetra Tech 2018

Table Notes:

- 1 Wetland categories range from I (highest functional value) to IV (lowest functional value) (Berglund and McEldowney 2008). No Category I wetlands were documented in the analysis area.
- 2 Primary functions listed are the four primary functions identified for each AA on Wetland Assessment Forms (HDR 2016 and Tetra Tech 2018)
- 3 Total wetland acreages include only areas delineated and assessed for the Project; it does not include National Wetlands Inventory data used to extrapolate wetland impacts across the entire analysis area.
- 4 Proposed wetland impact acreage includes only areas delineated and assessed for the Project; it does not include National Wetlands Inventory data used to extrapolate wetland impacts across the entire analysis area.
- 5 Efforts to gain approval of existing wetland functional assessment scores are ongoing and may result in changes relative to the totals listed in this table. Total Functional Units reported are consistent with functional unit scores presented in Table I-1-1
- 6 Functional unit impacts were calculated by multiplying the percentage of AA impact by the total functional units associated with each AA.

AA = Assessment Area.

DMEA = Defense Minerals Exploration Administration. EFSFSR = East Fork of the South Fork of the Salmon River. NWI = National Wetlands Inventory.

SGLF = Stibnite Gold Logistics Facility. SODA = spent ore disposal area.

NA = not applicable

Table I-1-5 Wetland Functional Impacts under Alternative 4 by AA

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
1	Meadow Creek Valley Upstream of SODA	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Mine Site	11.8	1.1	-	9.2%	60.7	5.6
2	Upper Meadow Creek Riparian	II	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Ground Water Discharge/ Recharge	Mine Site	65.3	54.9	-	84.1%	398.2	334.8
3	Meadow Creek Hillside Seeps	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	31.5	5.6	-	17.9%	146.5	26.2
4	Lower Meadow Creek Valley Wetlands	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	12.7	11.1	-	87.2%	57.7	50.3
5	Lower Meadow Creek Riparian	III	Flood Attenuation Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	49.5	27.1	-	54.9%	309.3	169.7
6	Meadow Creek Hillside Seeps	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.2	2.3	-	14.2%	74.4	10.5
7	East Fork of Meadow Creek Valley Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Groundwater Discharge/ Recharge	Mine Site	48.7	0.1	-	0.2%	248.3	0.5
8	East Fork of Meadow Creek Slope Wetlands	III	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	12.6	-	-	0.0%	39.2	0.0
9	EFSFSR Valley Downstream of MC	III	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	4.6	1.9	-	40.8%	15.5	6.3
10	EFSFSR Riparian Downstream of MC	II	Short- and Long-Term Surface Water Storage Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	23.6	9.4	0.1	40.3%	175.6	70.7
11	Slope Between DMEA to Hennessy Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	2.7	0.8	-	29.5%	10.3	3.0
12	Slope Between Garnet Creek and Midnight Creek	III	Listed/Proposed T&E Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	10.2	2.6	-	26.0%	36.6	9.5

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
13	Fiddle Creek Valley Wetlands	II	Natural Heritage Program Species Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	16.4	8.9	-	54.6%	98.4	53.7
14	Fiddle Creek Slope Wetlands	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	3.4	-	-	0.0%	13.7	0.0
15	Hennessy Valley Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	1.4	0.3	-	19.1%	6.1	1.2
16	Hennessy Creek Slope Wetlands	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	8.4	0.6	-	6.9%	26.1	1.8
17	Midnight Creek Wetland 1	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	-	-	0.0%	0.5	0.0
18	Midnight Creek Wetland 2	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.1	0.0
19	Midnight Creek Wetland 3	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.9	-	-	0.0%	1.8	0.0
20	Midnight Creek Wetland 4	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	-	-	0.0%	0.2	0.0
21	Midnight Creek Wetland 5	III	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	0.7	-	47.9%	2.5	1.2
22	Midnight Creek Wetland 6	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
23	Midnight Creek Wetland 7	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.2	-	100.0%	0.3	0.3
24	Midnight Creek Wetland 8	IV	Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.1	0.1	-	100.0%	0.2	0.2
25	West End Creek Wetland 1	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.6	0.6	-	100.0%	1.5	1.5

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
26	West End Creek Wetland 2	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	0.2	0.0	-	7.0%	0.5	0.0
27	West End Creek Wetland 3	IV	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Mine Site	1.5	-	-	0.0%	3.6	0.0
28	Exploration Area North of Sugar Creek	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	0.8	-	-	0.0%	3.3	0.0
29	Rabbit Creek Slope Wetlands	III	General Wildlife Habitat Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Mine Site	5.0	-	-	0.0%	20.1	0.0
30	Burntlog Alternative Wetlands - Existing Road	III	Natural Heritage Program Species Habitat General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	42.7	-	-	0.0%	175.1	0.0
31	Burntlog Wetlands from Existing Road to Thunder Mountain Road	II	General Wildlife Habitat Production Export/ Food Chain Support Groundwater Discharge/ Recharge Uniqueness	Access Roads	33.2	-	-	0.0%	116.2	0.0
32	Riordan Road Alternative and Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	35.2	0.3	0.8	3.3%	158.4	5.2
33	Johnson Creek Road Alternative/ Power Line Corridor	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Uniqueness	Utilities	50.6	3.2	0.1	6.6%	237.8	15.6
34	Cabin/Trout Creek Wetlands	III	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	46.8	1.5	0.0	3.3%	220.1	7.2
35	Power Line Corridor Along Warm Lake Road	IV	General Wildlife Habitat Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Utilities	7.3	0.3	0.0	4.1%	35.2	1.4
36	Thunder Mountain Road Wetlands	III	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads	12.3	-	-	0.0%	34.5	0.0
37	Thunder Mountain Road Alternative	II	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Groundwater Discharge/ Recharge	Access Roads	33.0	-	-	0.0%	173.4	0.0

AA Number	AA Name	Wetland Category ¹	Primary Functions ²	Major Associated Component	Total Wetland Acreage (acres) ³	Proposed Wetland Removal (acres) ⁴	Proposed Tall Tree Clearing (acres)	Proposed Percentage of AA Impact	Total Functional Units ⁵	Number of Functional Units Affected ⁶
38	EFSFSR between Thunder Mountain Road and Meadow Creek	II	General Wildlife Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	15.0	-	-	0.0%	79.2	0.0
39	Upper East Fork Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	26.4	1.2	-	4.5%	166.4	7.5
40	Stibnite Road Wetlands	III	Flood Attenuation Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Access Roads	26.1	0.9	-	3.6%	114.7	4.2
41	Wetlands Along Sugar Creek	III	Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support Groundwater Discharge/ Recharge	Access Roads (in the Mine Site Analysis Area)	1.2	-	-	0.0%	5.4	0.0
42	Proposed Logistics Center Wetlands	III	Flood Attenuation Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Off-site Facilities	7.7	0.8	-	10.2%	34.4	3.5
43	Transmission Line Wetlands	III	Natural Heritage Program Species Habitat Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Production Export/ Food Chain Support	Utilities; Transmission Line	47.5	2.6	-	5.5%	180.5	10.0
44	Transmission Line Wetlands - River	III	Short- and Long-Term Surface Water Storage Sediment/ Nutrient/ Toxicant Removal Sediment/ Shoreline Stabilization Production Export/ Food Chain Support	Utilities; Transmission Line	6.9	0.2	-	2.5%	42.4	1.0
Total					722.4	139.7	1.0	NA	3,525.0	803.0

Table Sources: HDR 2016; Tetra Tech 2018

Table Notes:

1 Wetland categories range from I (highest functional value) to IV (lowest functional value) (Berglund and McEldowney 2008). No Category I wetlands were documented in the analysis area.

2 Primary functions listed are the four primary functions identified for each AA on Wetland Assessment Forms (HDR 2016 and Tetra Tech 2018)

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4 Proposed wetland impact acreage includes only areas delineated and assessed for the Project; it does not include National Wetlands Inventory data used to extrapolate wetland impacts across the entire analysis area.

5 Efforts to gain approval of existing wetland functional assessment scores are ongoing and may result in changes relative to the totals listed in this table. Total Functional Units reported are consistent with functional unit scores presented in Table I-1-1

6Functional unit impacts were calculated by multiplying the percentage of AA impact by the total functional units associated with each AA.

AA = Assessment Area.

DMEA = Defense Minerals Exploration Administration.

EFSFSR = East Fork of the South Fork of the Salmon River.

NWI = National Wetlands Inventory.

SGLF = Stibnite Gold Logistics Facility. SODA = spent ore disposal area.

NA = not applicable

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Berglund, J. and R. McEldowney

- 2008 MDT Montana Wetland Assessment Method. Prepared for Montana Department of Transportation. Helena, MT: Post, Buckley, Schuh & Jernigan.

HDR, Inc. (HDR)

- 2016 Wetland Resources Baseline Study for Logistics Center Site, Stibnite Gold Project. December.

Tetra Tech, Inc. (Tetra Tech)

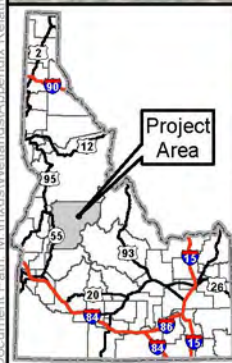
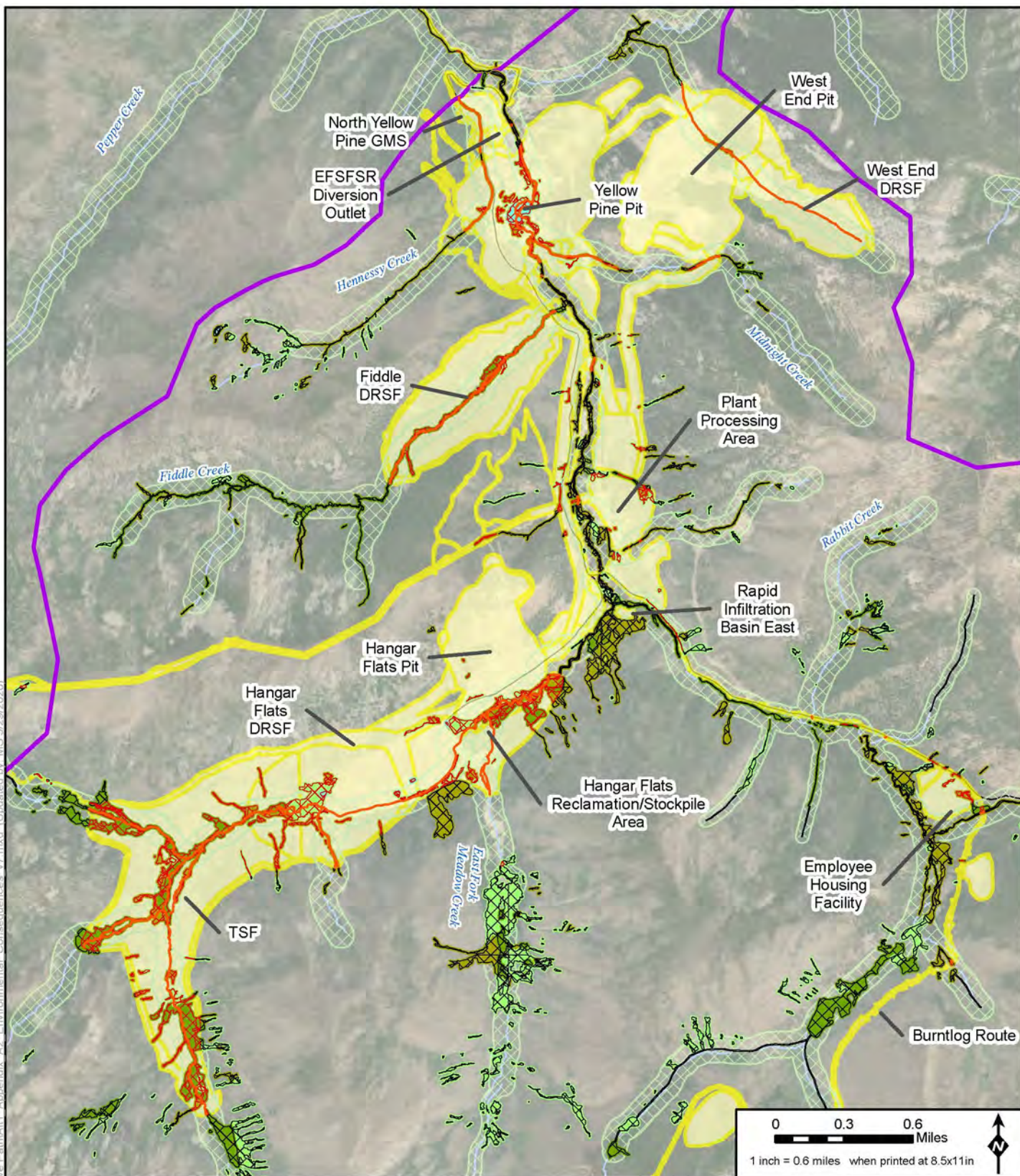
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- 2018 Additional Information to Amend the 2016 HDR Wetlands Functions and Values Assessment, Stibnite Gold Project, 194-6296. Final Technical Memorandum Prepared for Midas Gold Idaho, Inc. March 27, 2018.

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**Appendix I-2: Impacts to Wetlands and Riparian Resources in the
Analysis Area, Alternative 1**

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| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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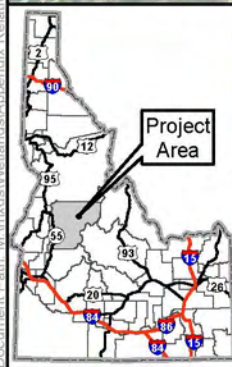
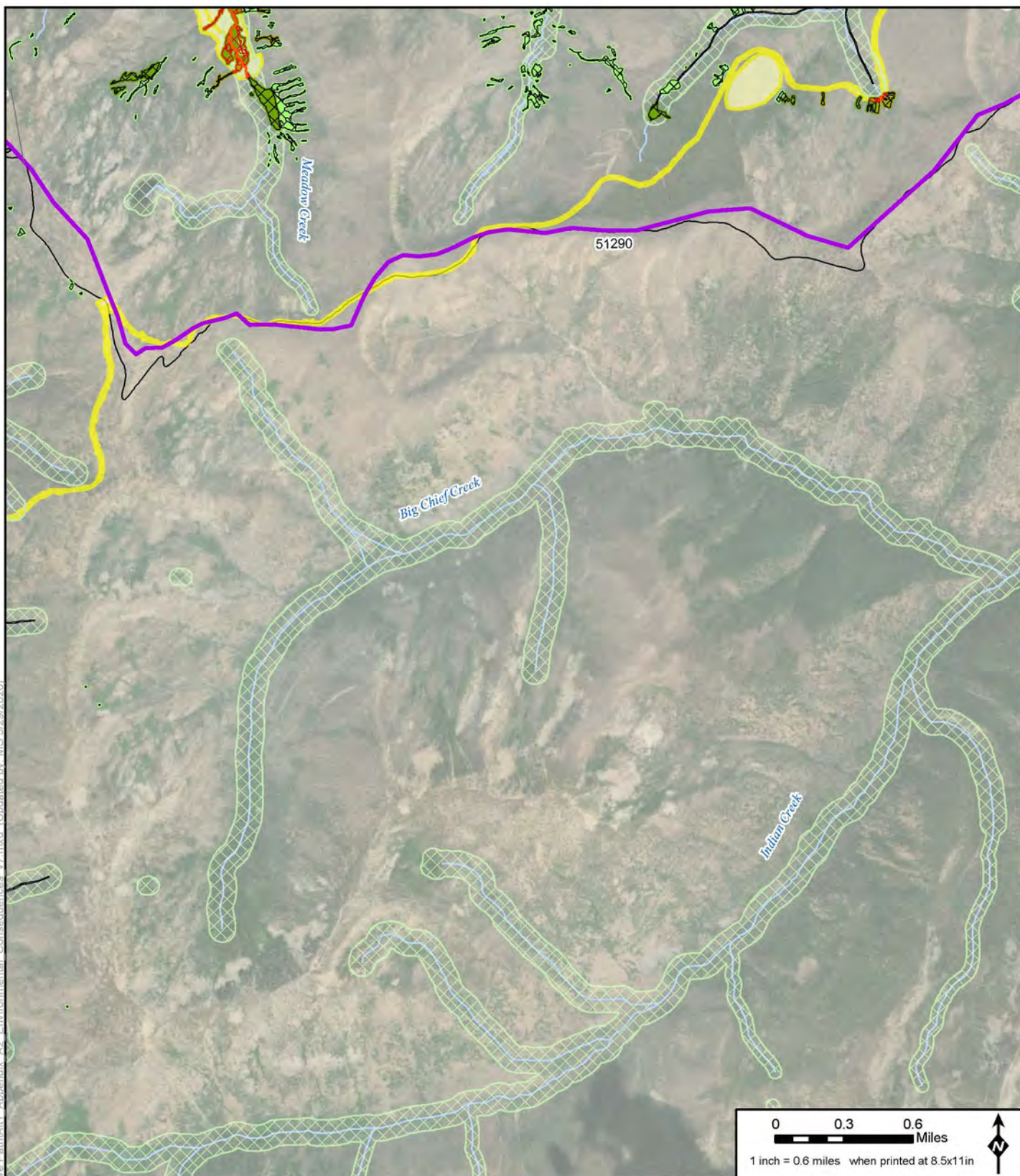


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



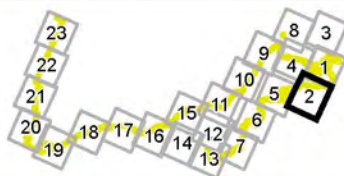
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| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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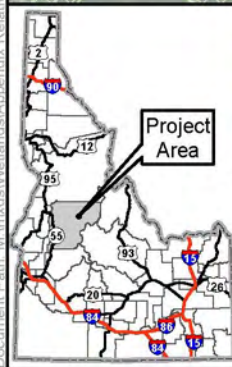


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

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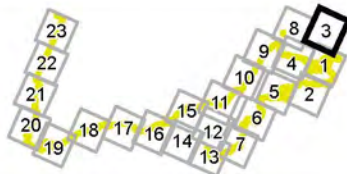
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| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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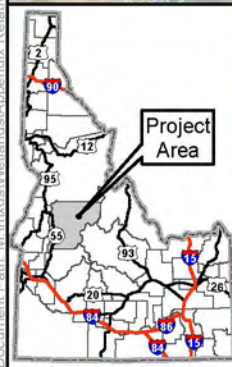
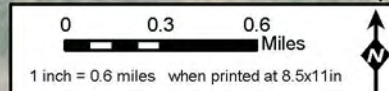
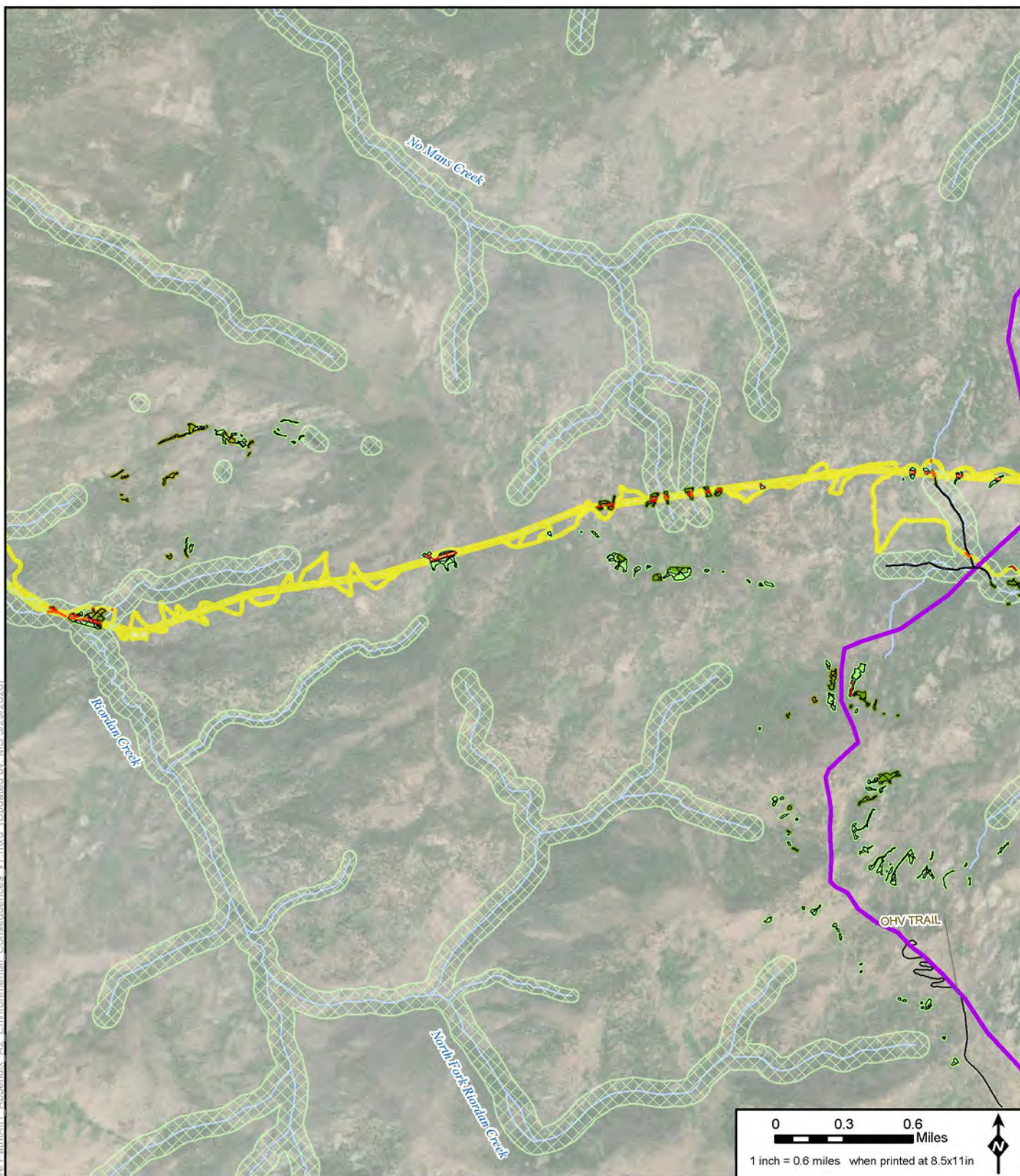


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



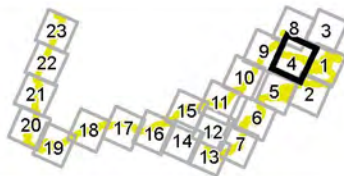
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* Project Components are associated with Alternative 1
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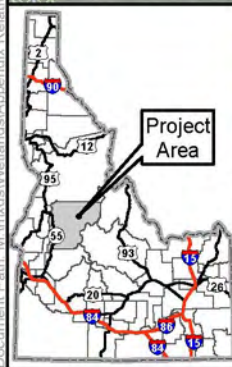
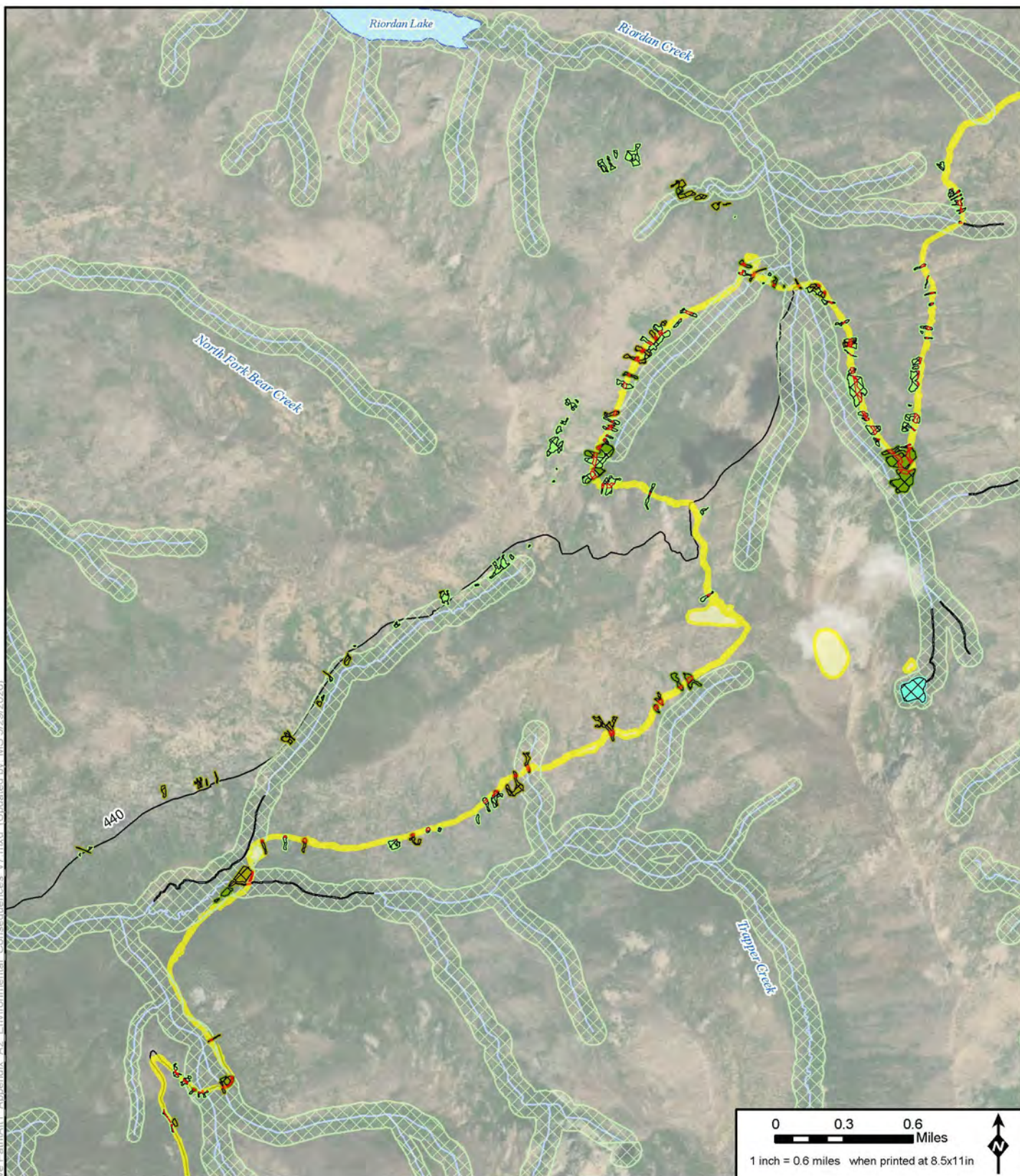


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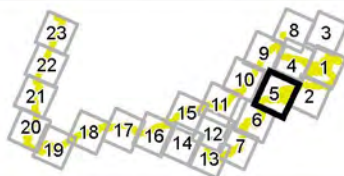
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| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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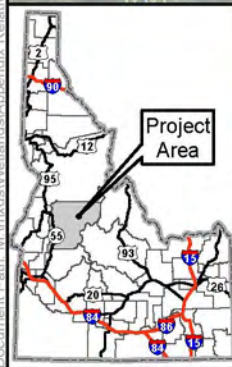
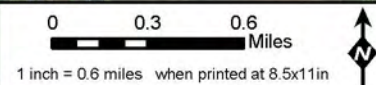
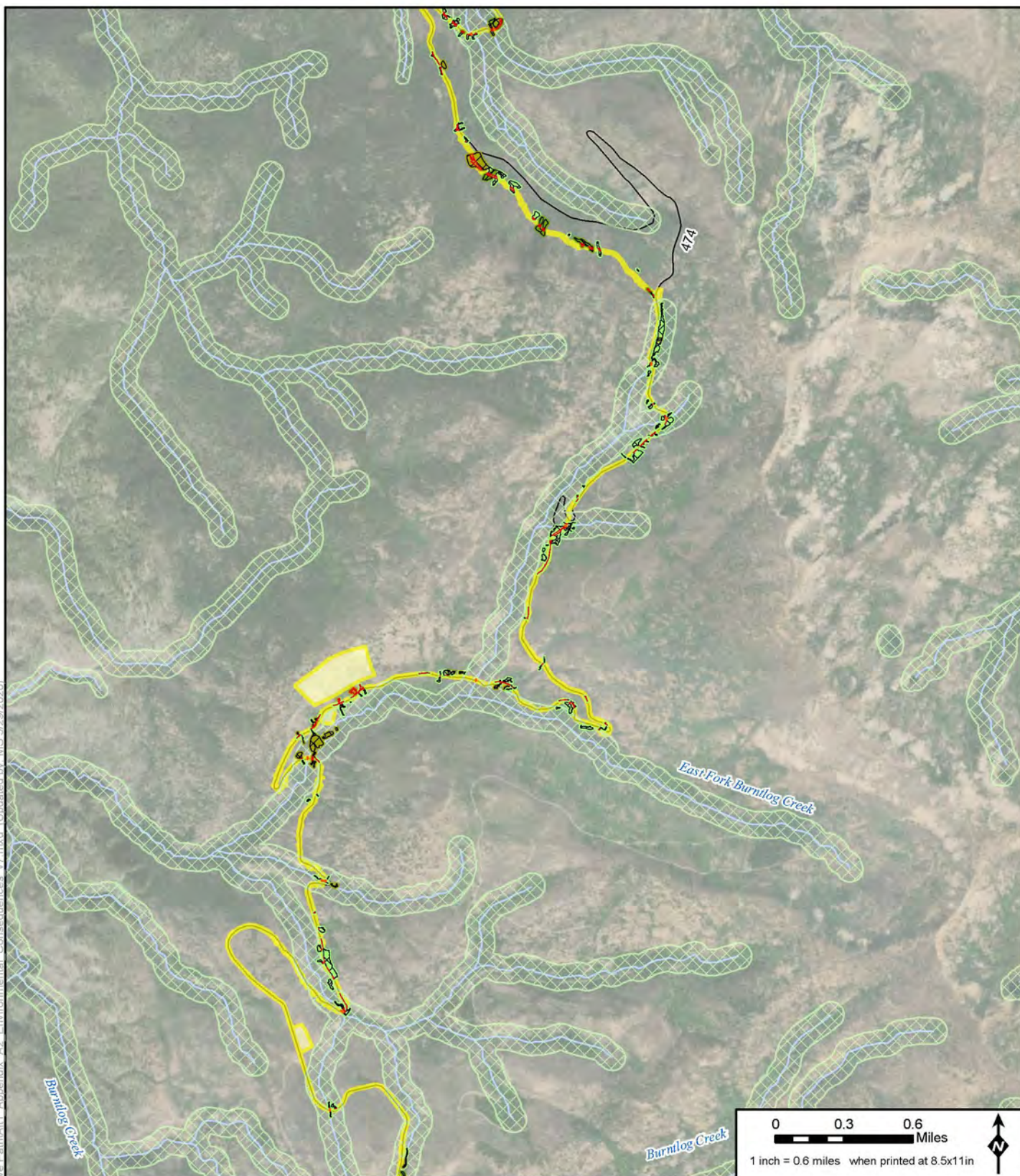


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

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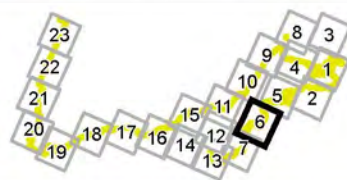
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| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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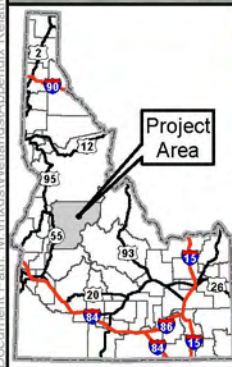
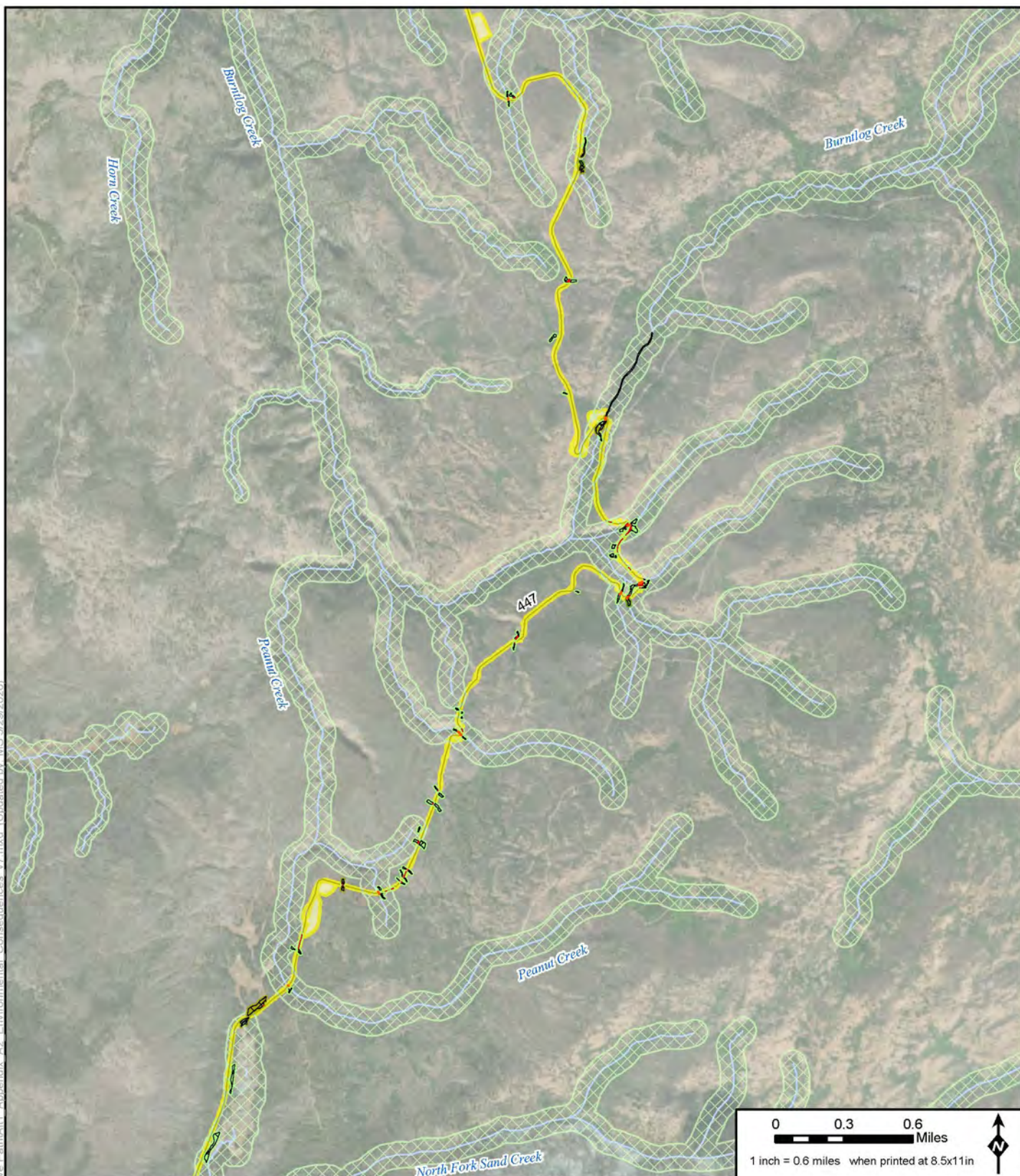


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



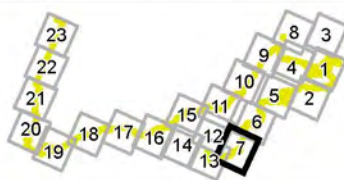
Appendix:
A2-Page 6
Map Date:
5/29/2020



Legend

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|--|----------------------------|----------|----------------|
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| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
Note: Not all features are visible on this map page

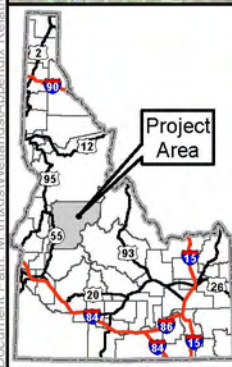
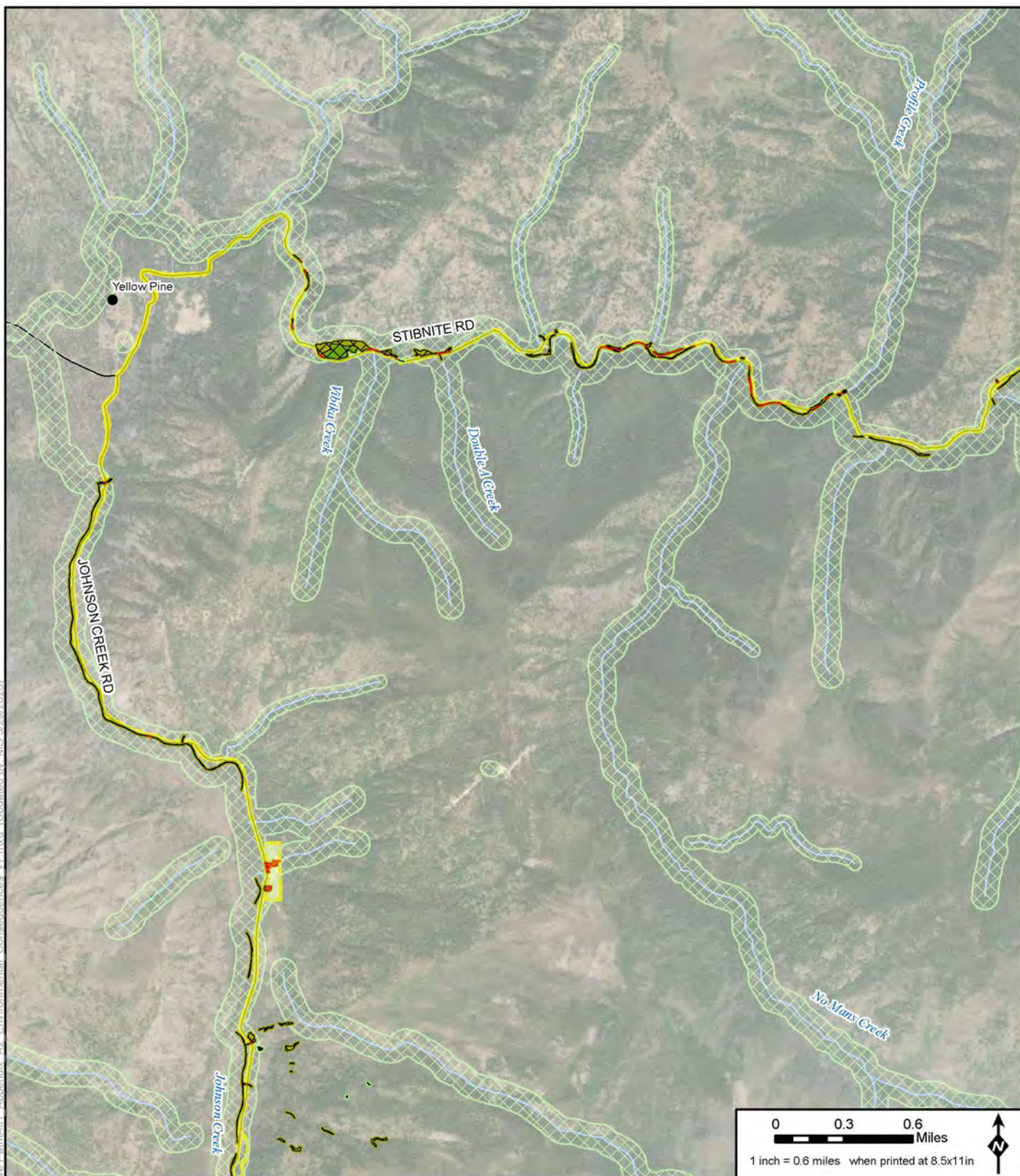


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



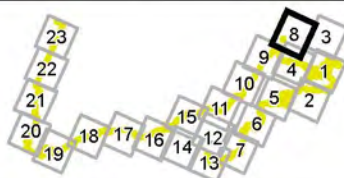
Appendix:
A2-Page 7
Map Date:
5/29/2020



Legend

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|--|----------------------------|----------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
Note: Not all features are visible on this map page

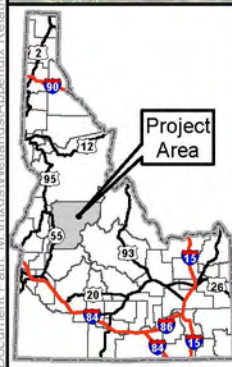
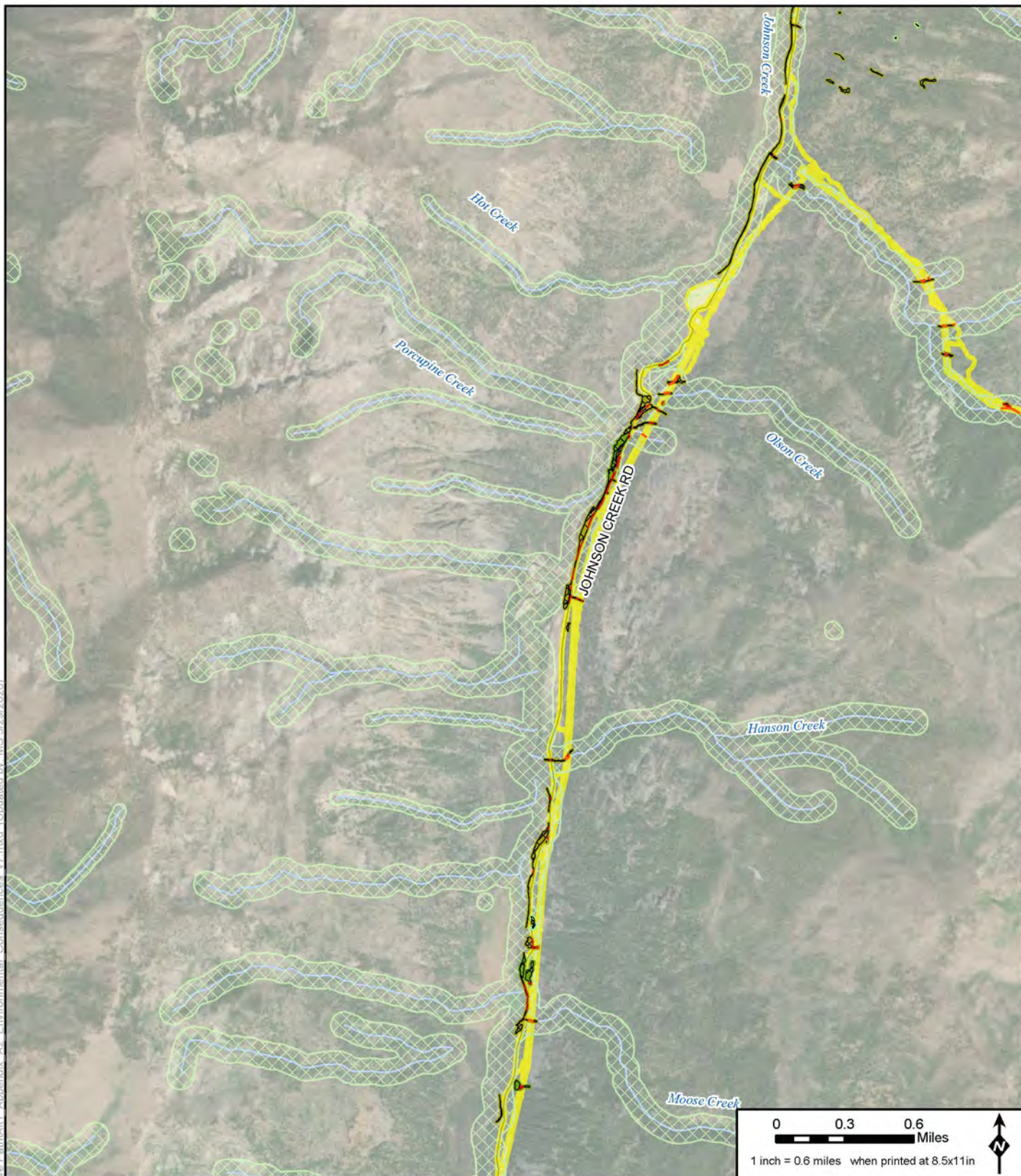


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



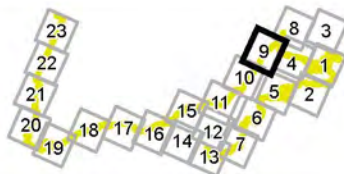
Appendix:
A2-Page 8
Map Date:
5/29/2020



Legend

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|--|----------------------------|----------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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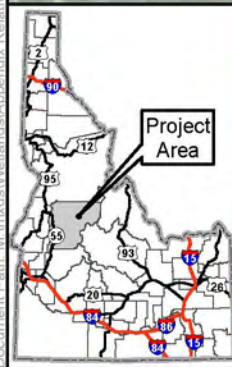
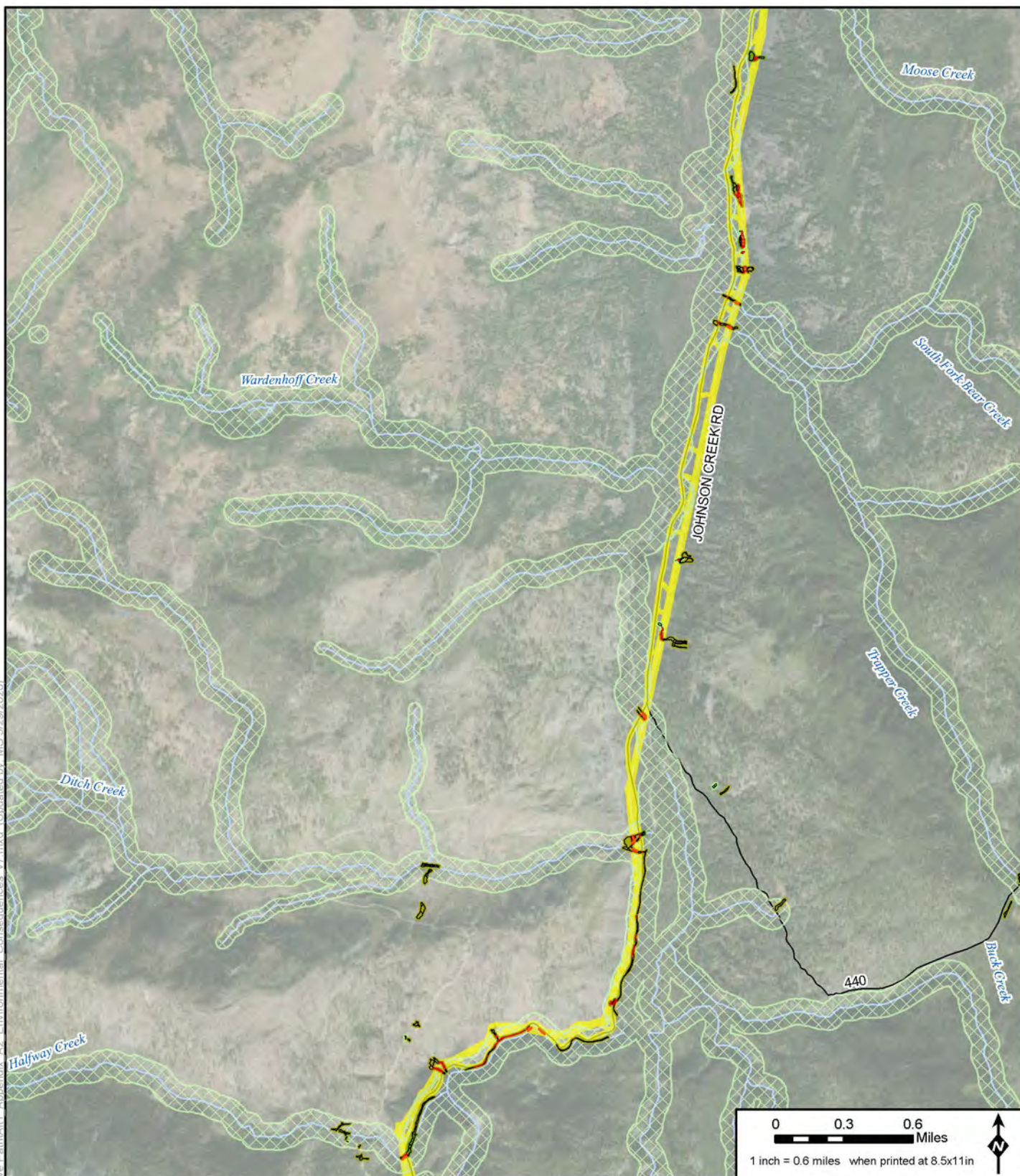


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

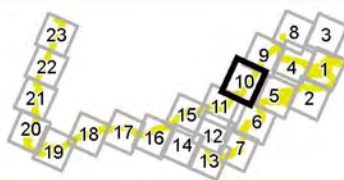
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



Appendix:
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- Legend**
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|--|---|---|--|
| <ul style="list-style-type: none"> Wetland Analysis Area at Mine Site Alternative 1 Project Disturbance Area Impacted Wetland/Stream Avoided Wetland | <ul style="list-style-type: none"> Riparian Conservation Area Wetland Type <ul style="list-style-type: none"> Open Water Emergent Scrub-Shrub | <ul style="list-style-type: none"> Forested Other Features <ul style="list-style-type: none"> Railroad Highway Road | <ul style="list-style-type: none"> Stream/River Lake/Reservoir |
|--|---|---|--|
- * Project Components are associated with Alternative 1
Note: Not all features are visible on this map page

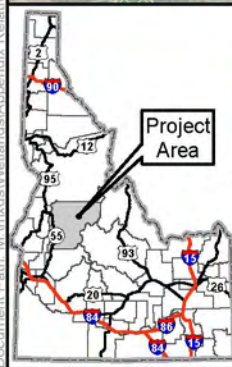
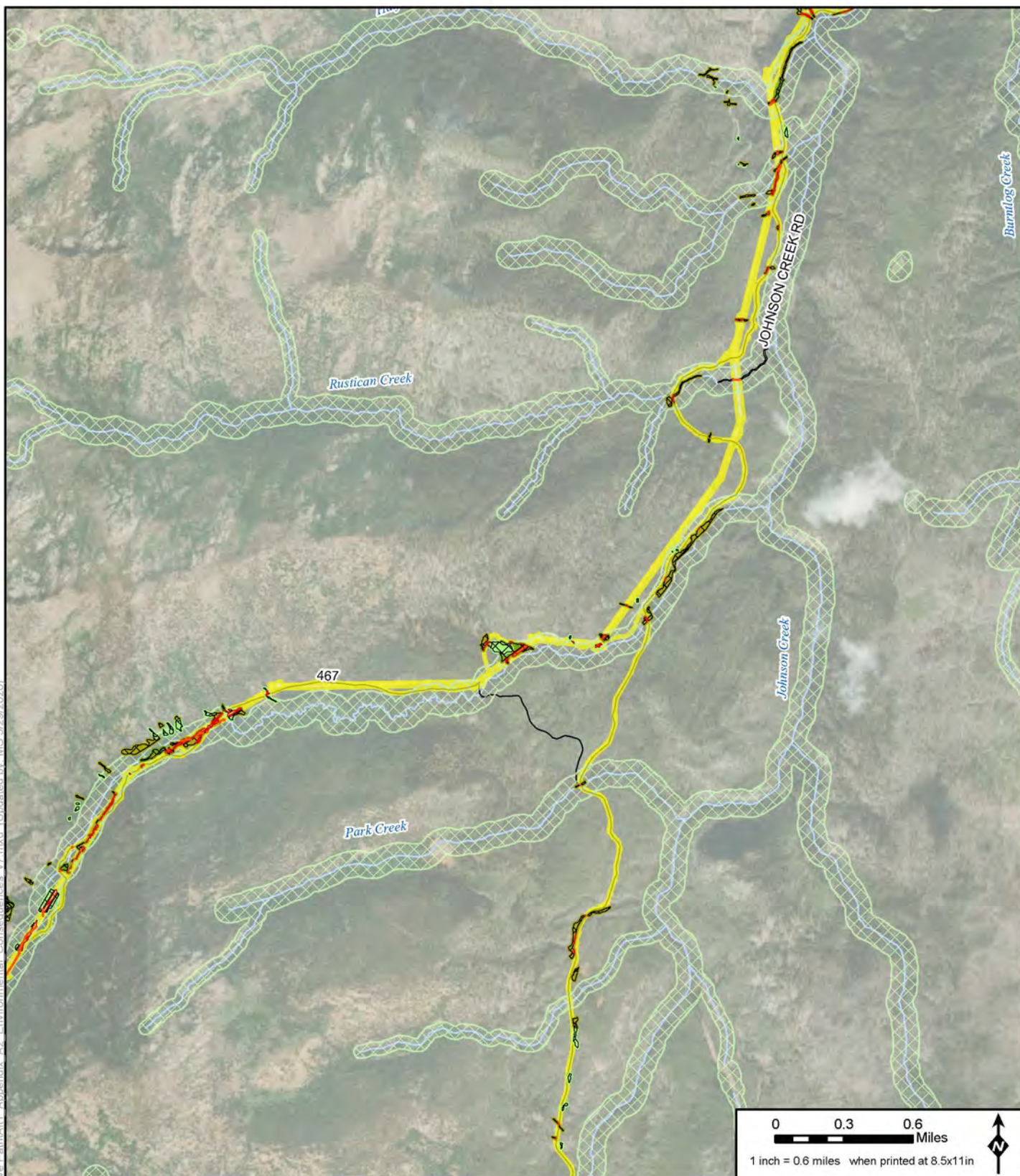


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

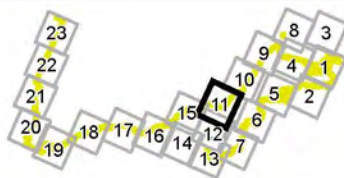
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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Map Date:
5/29/2020



- Legend**
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|--|---|---|--|
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|--|---|---|--|
- * Project Components are associated with Alternative 1
Note: Not all features are visible on this map page

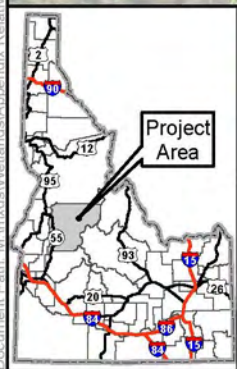
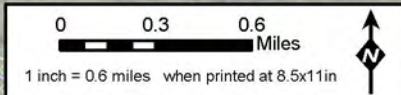


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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5/29/2020

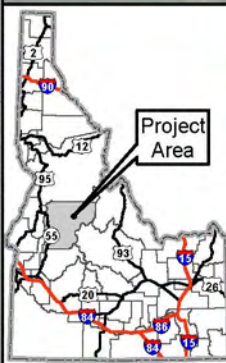
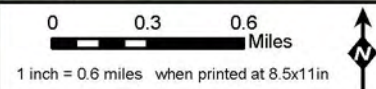


**Environmental Consequences
Alternative 1
Stibnite Gold Project
Stibnite, ID**

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

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Map Date:
5/29/2020

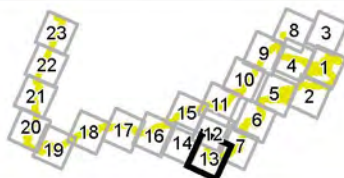




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|--|----------------------------|----------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
Note: Not all features are visible on this map page

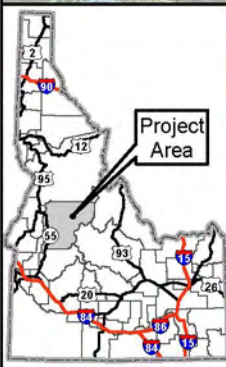


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



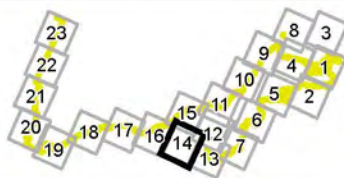
Appendix:
A2-Page 13
Map Date:
5/29/2020



Legend

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|--|---|---|--|
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|--|---|---|--|

* Project Components are associated with Alternative 1
Note: Not all features are visible on this map page

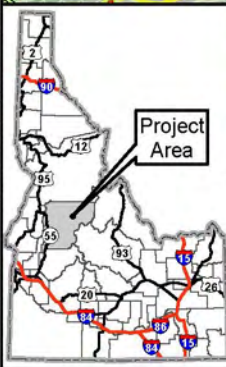
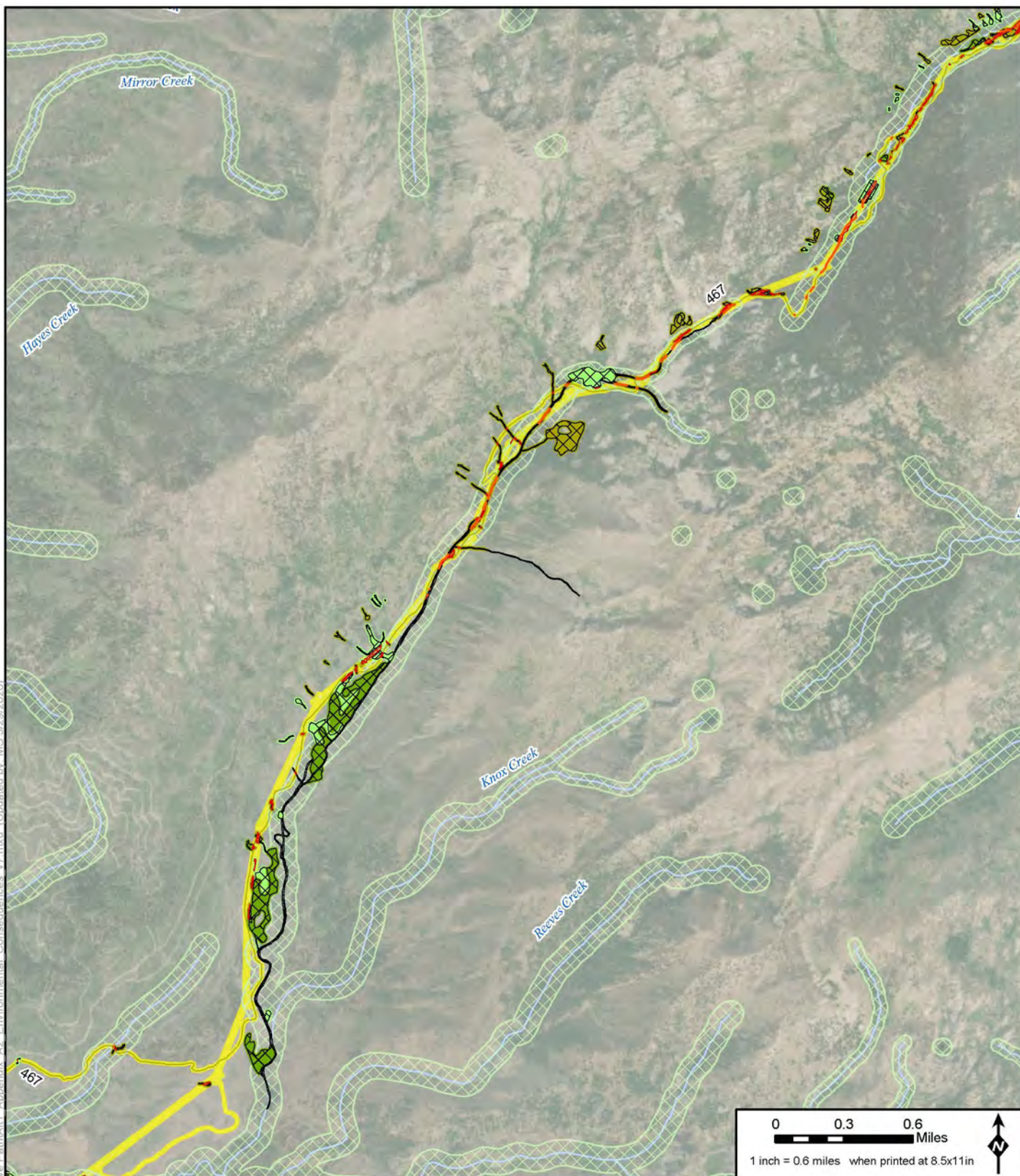


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

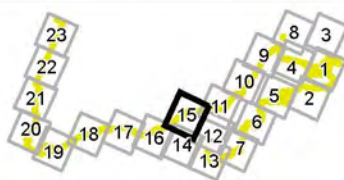
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
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|--|----------------------------|----------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |
- * Project Components are associated with Alternative 1
Note: Not all features are visible on this map page



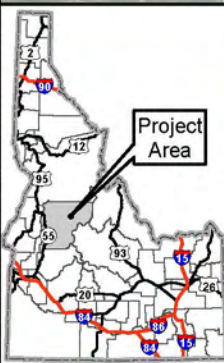
Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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Map Date:
5/29/2020

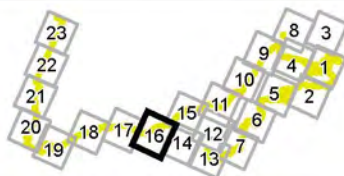
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| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
Note: Not all features are visible on this map page



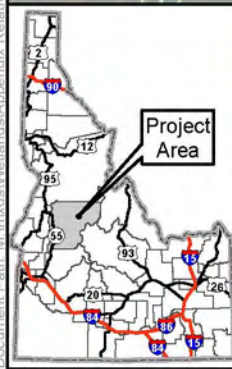
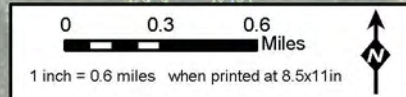
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Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
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Map Date:
5/29/2020

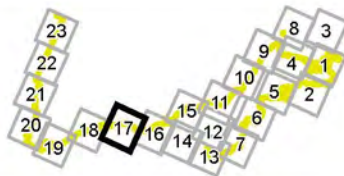
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| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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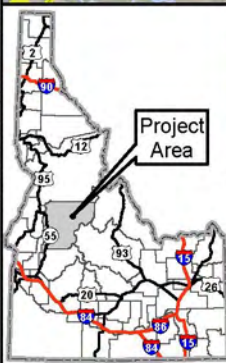
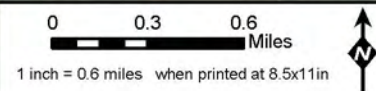
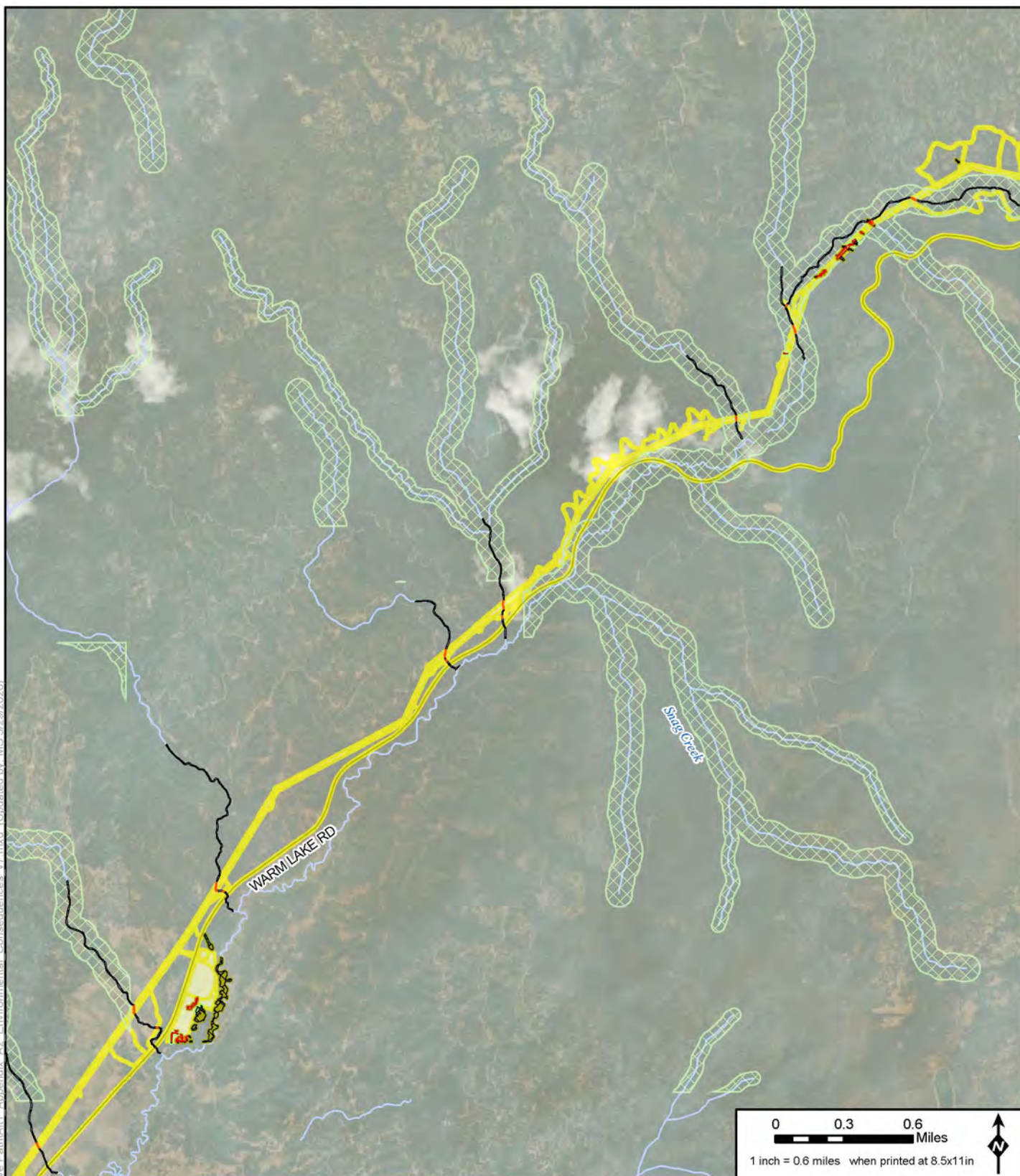


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



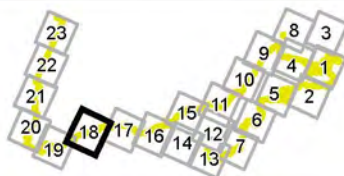
Appendix:
A2-Page 17
Map Date:
5/29/2020



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|--|----------------------------|----------|----------------|
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| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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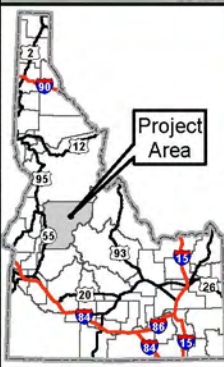
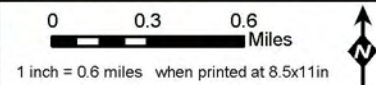
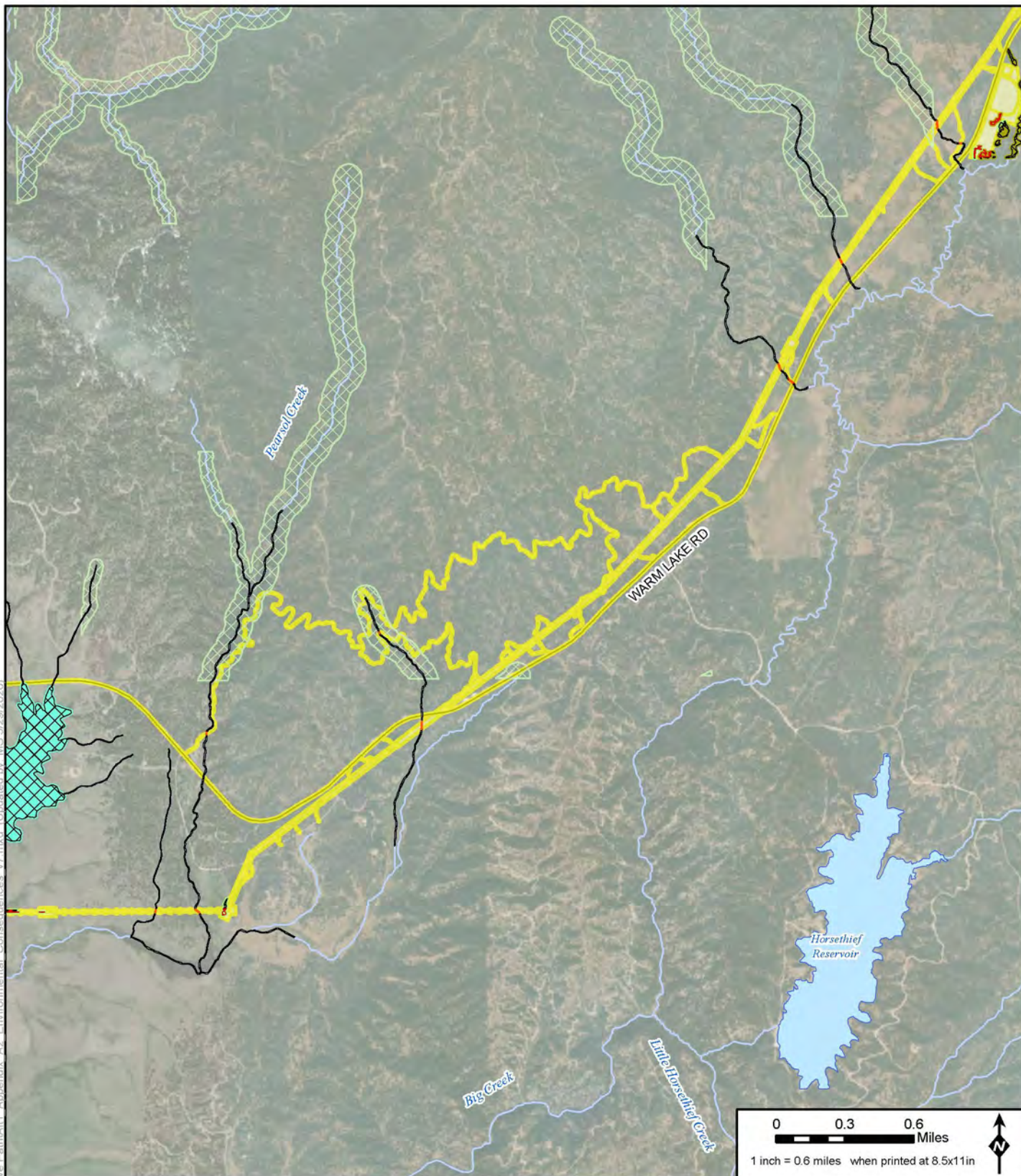


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



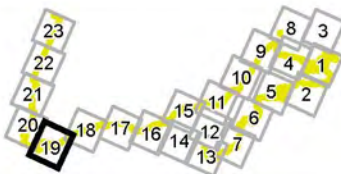
Appendix:
A2-Page 18
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5/29/2020



Legend

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|--|----------------------------|----------|----------------|
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| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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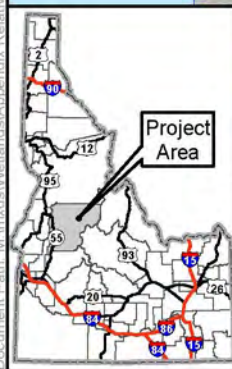
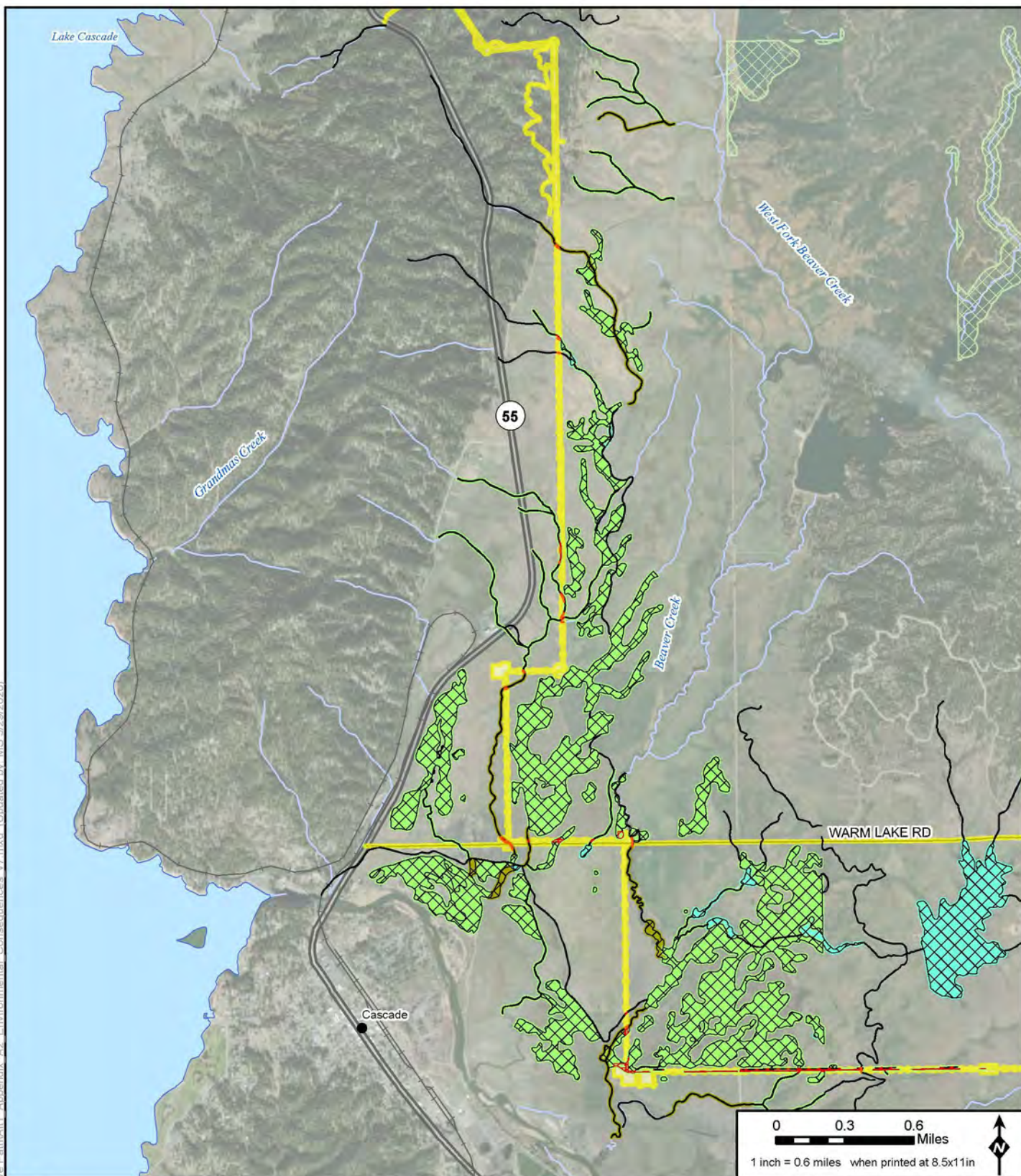


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

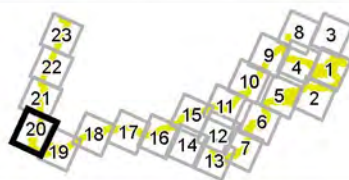


Appendix:
A2-Page 19
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5/29/2020



- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 1 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Other Features
 - Railroad
 - Highway
 - Road
 - Stream/River
 - Lake/Reservoir

* Project Components are associated with Alternative 1
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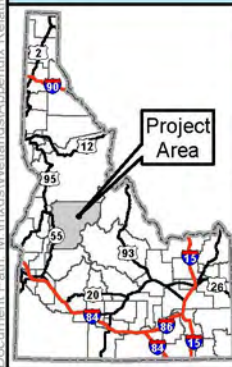
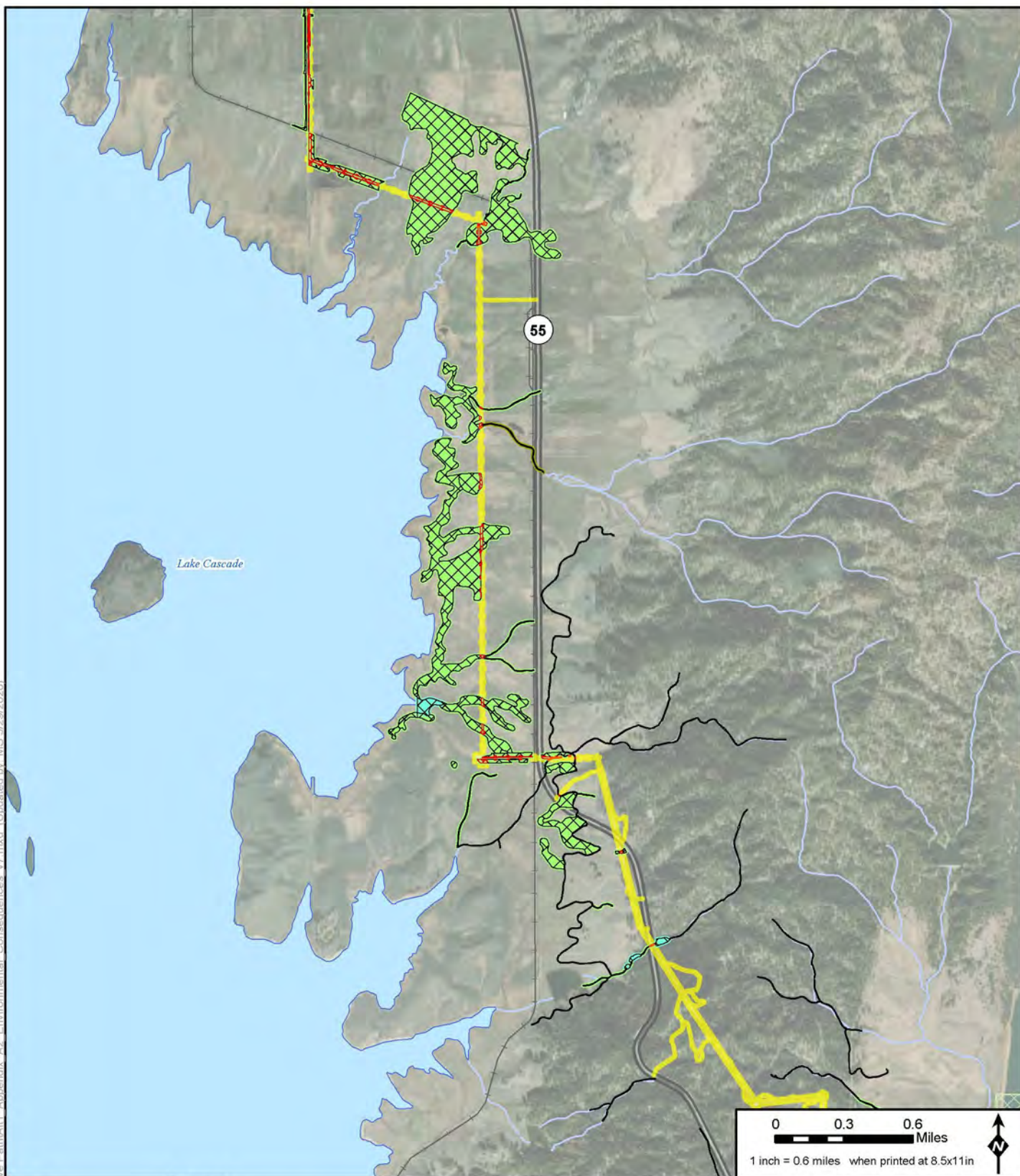


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



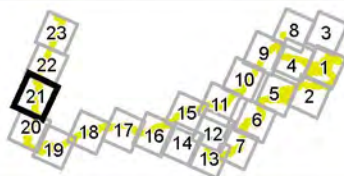
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A2-Page 20
Map Date:
5/29/2020



Legend

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|--|---|---|--|

* Project Components are associated with Alternative 1
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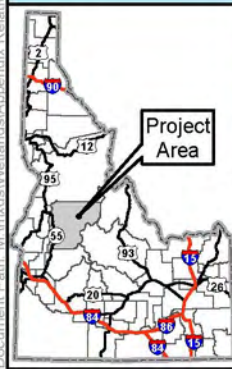
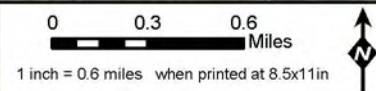
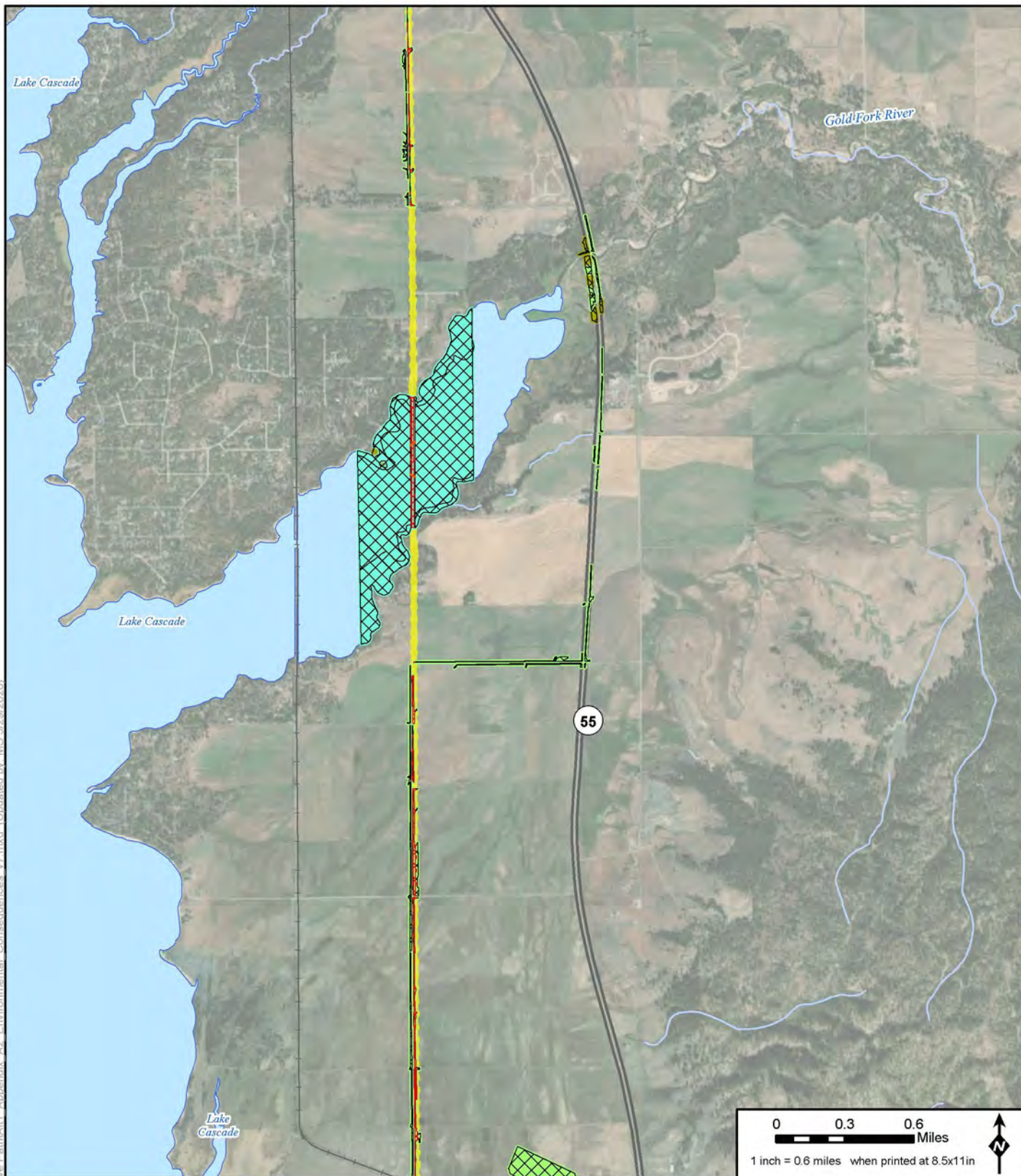


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



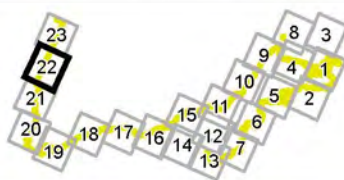
Appendix:
A2-Page 21
Map Date:
5/29/2020



Legend

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|--|----------------------------|----------|----------------|
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| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
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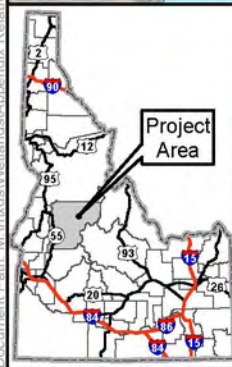
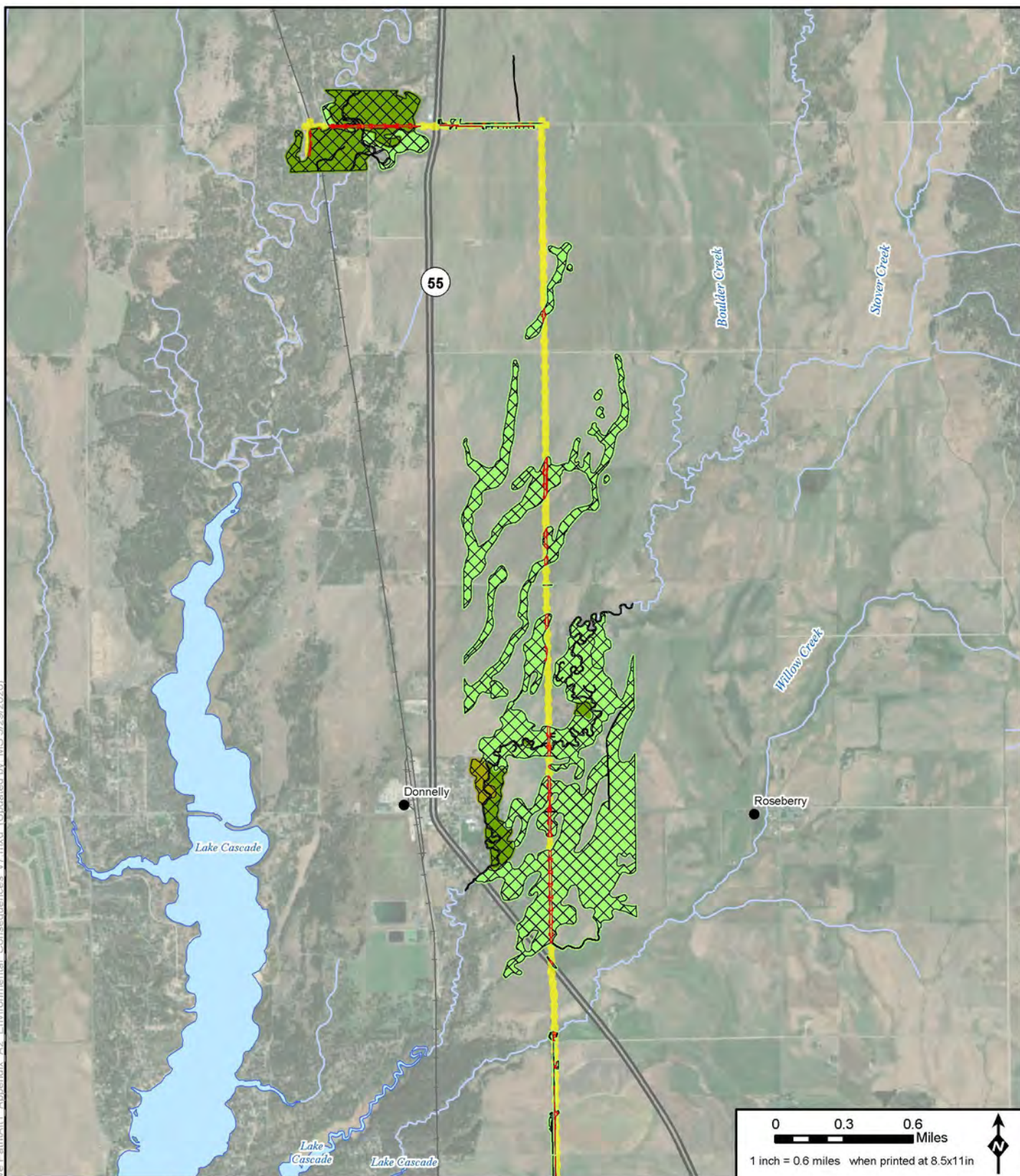


Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



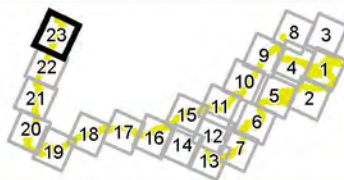
Appendix:
A2-Page 22
Map Date:
5/29/2020



Legend

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|--|----------------------------|----------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 1 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 1
Note: Not all features are visible on this map page



Environmental Consequences Alternative 1 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



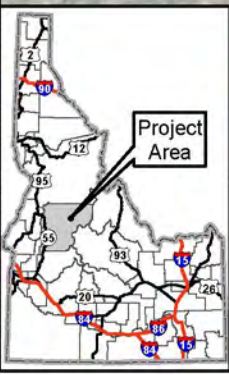
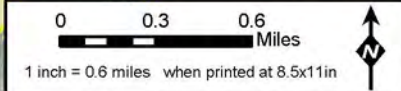
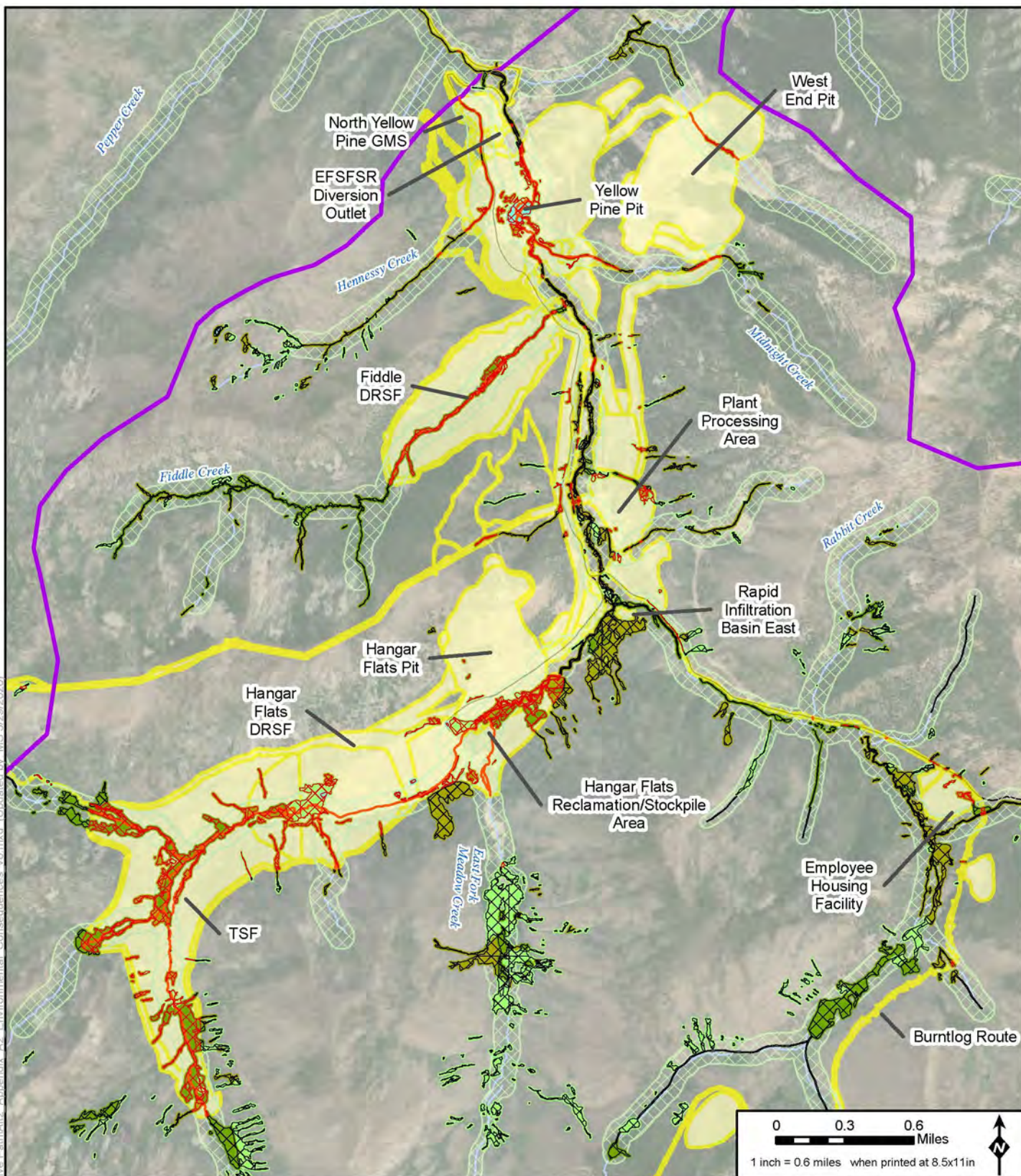
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A2-Page 23
Map Date:
5/29/2020

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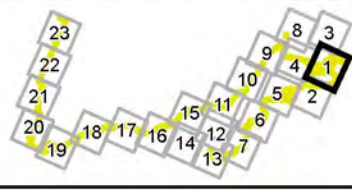
**Appendix I-3: Impacts to Wetlands and Riparian Resources in the
Analysis Area, Alternative 2**

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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |
- * Project Components are associated with Alternative 2
Note: Not all features are visible on this map page



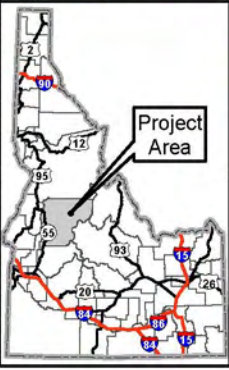
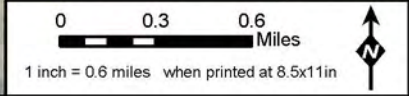
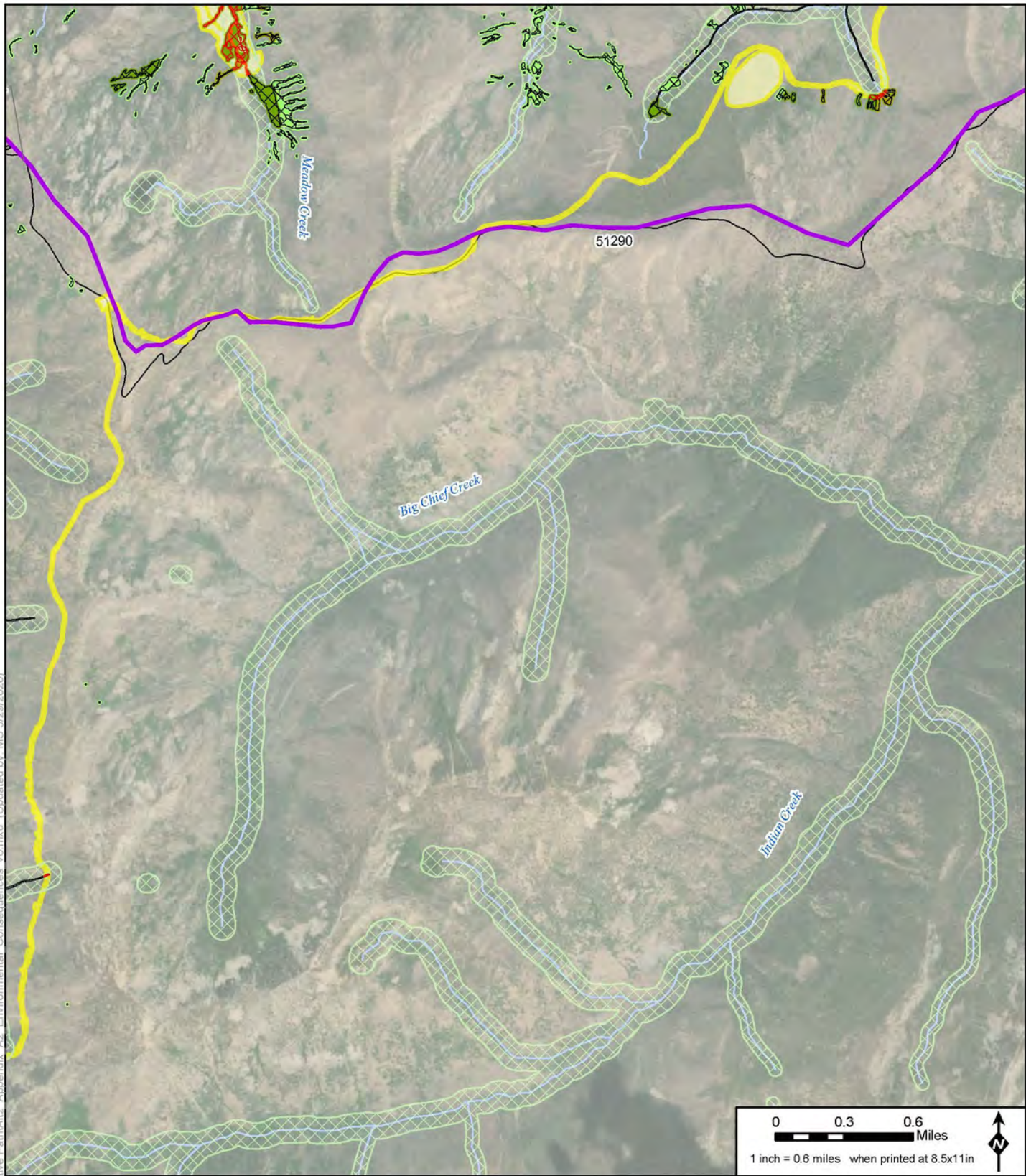
**Environmental Consequences
Alternative 2
Stibnite Gold Project
Stibnite, ID**

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

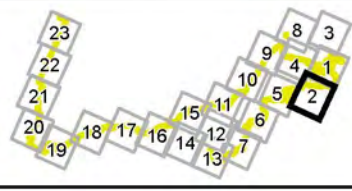


Appendix:
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5/29/2020

Document Path: M:\wells\Wetlands\DEIS CH3 Relative Path\A12 Appendix A2 Environmental Consequences v6.mxd (Updated by MS 5/29/2020)



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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |
- * Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

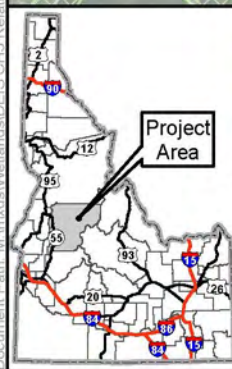


**Environmental Consequences
Alternative 2
Stibnite Gold Project
Stibnite, ID**

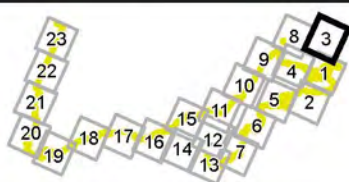
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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5/29/2020



- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 2 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Railroad
 - Highway
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

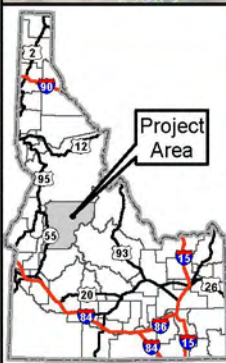
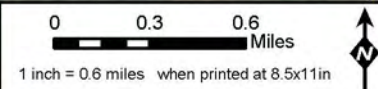
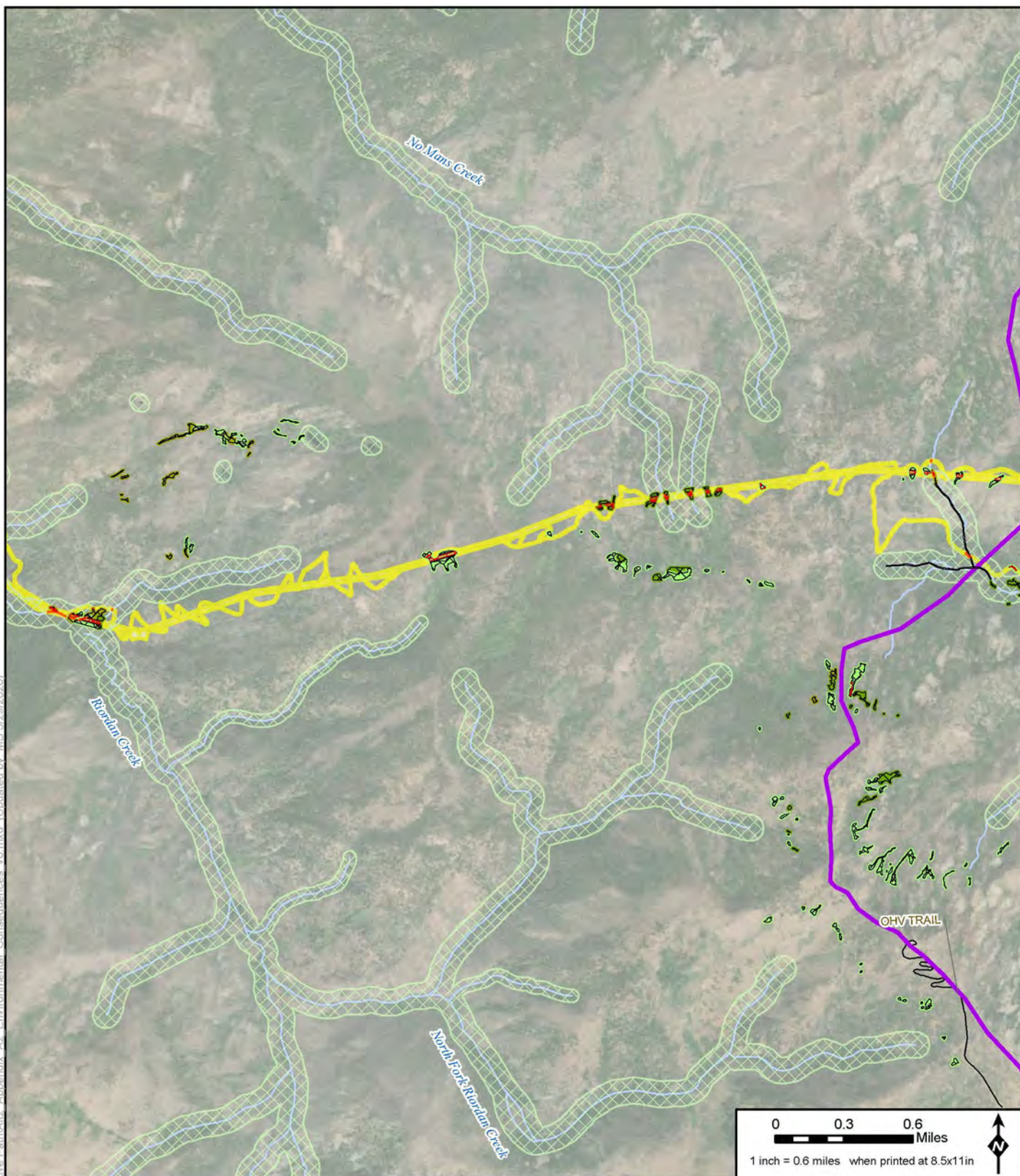


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



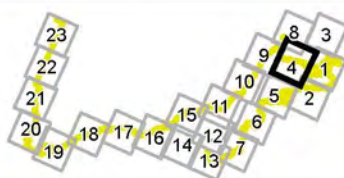
Appendix:
A2-Page 3
Map Date:
5/29/2020



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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page



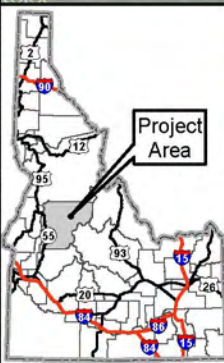
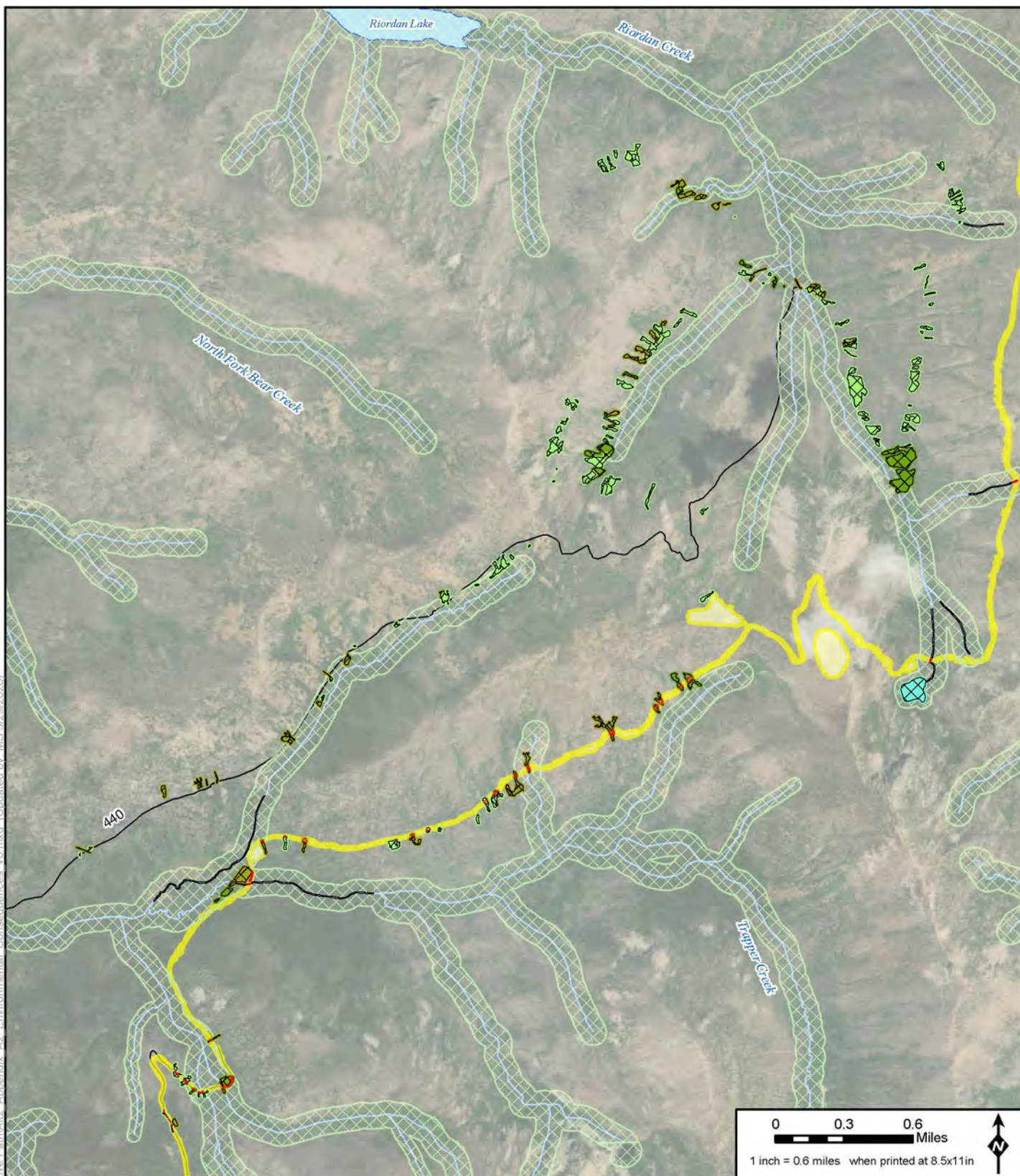
Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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5/29/2020

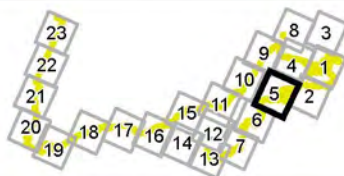
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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Open Water | Railroad | |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |
| | | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page



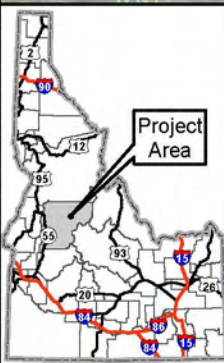
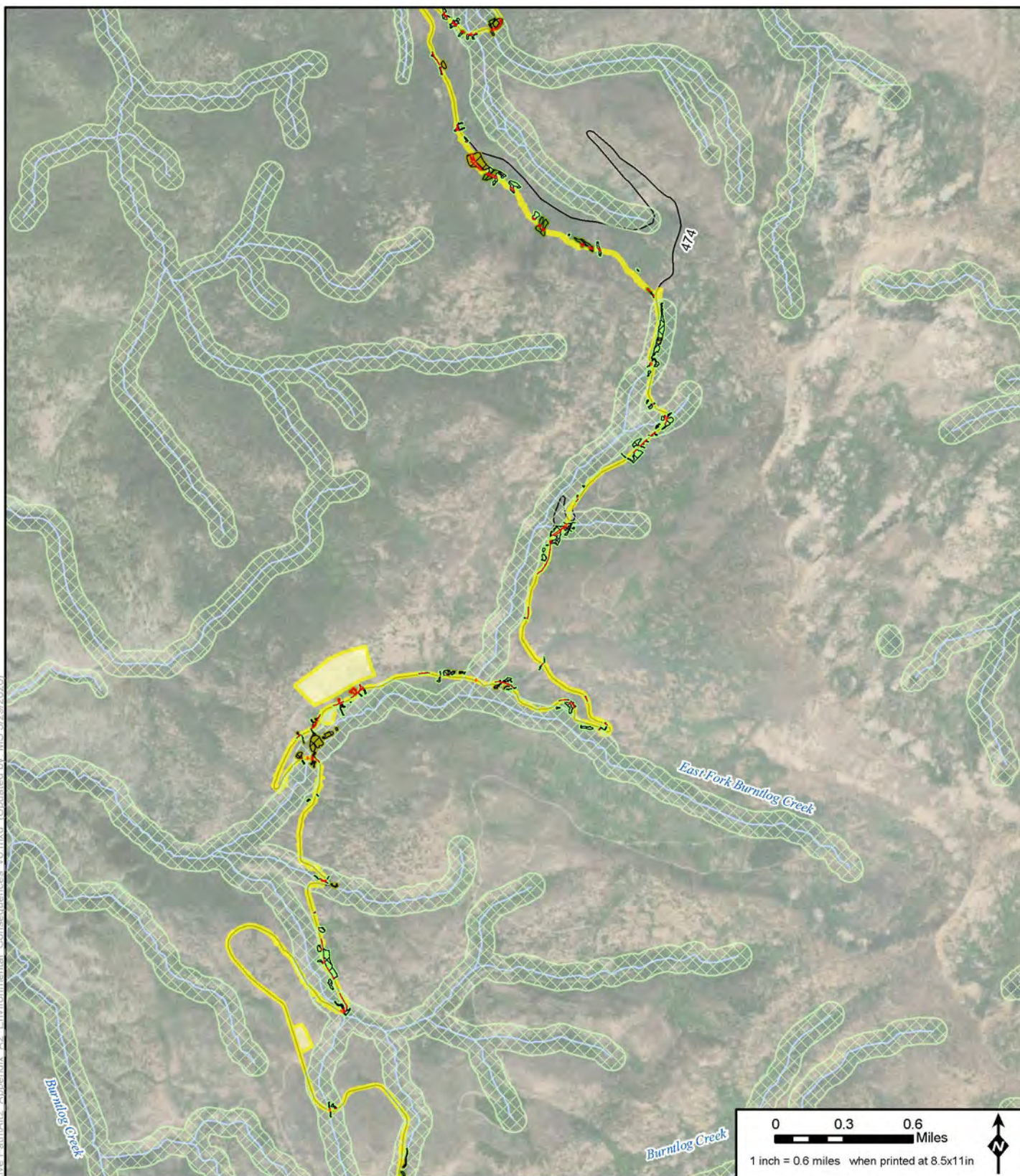
Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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5/29/2020

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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

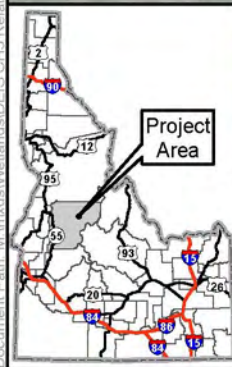
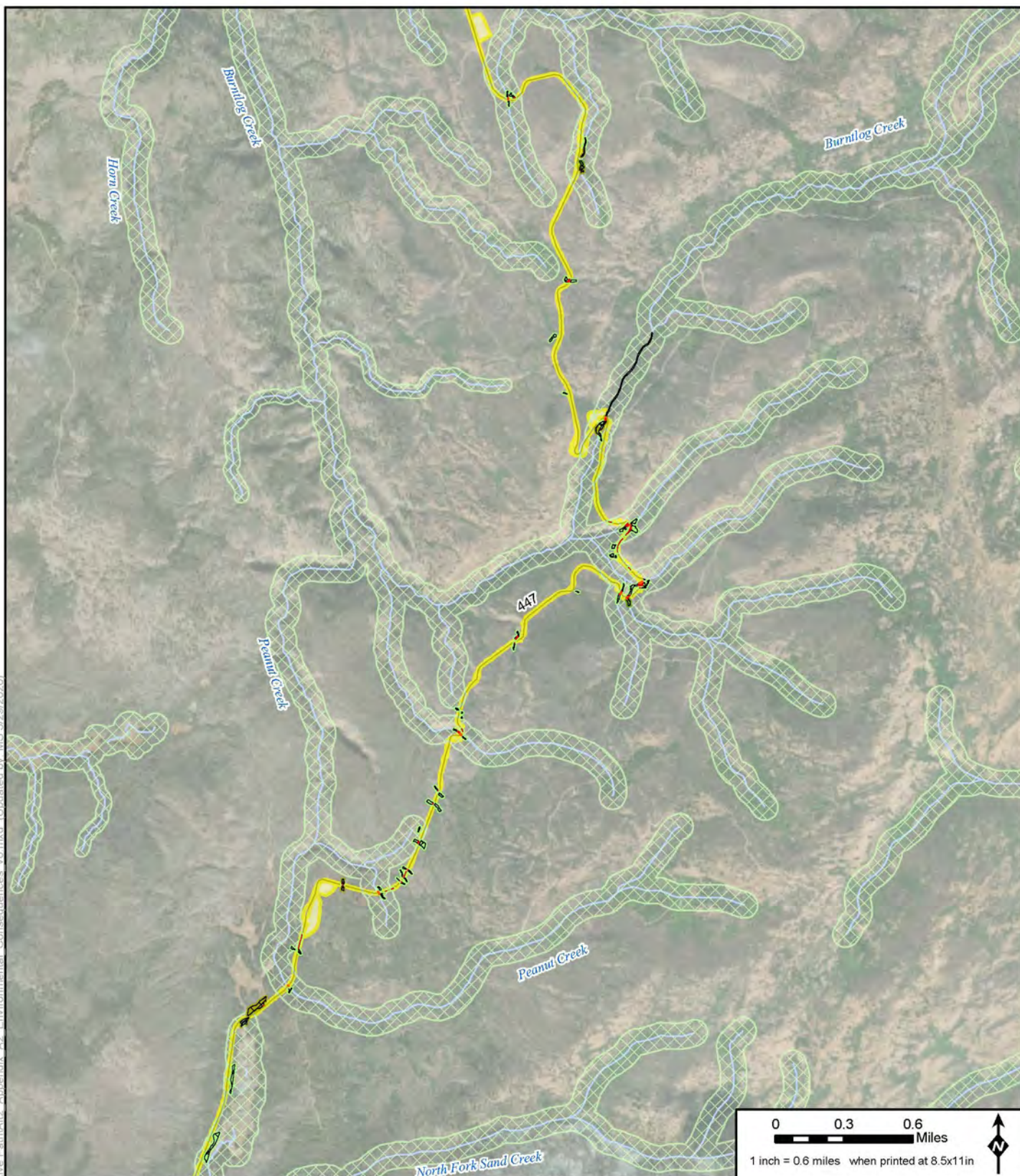


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



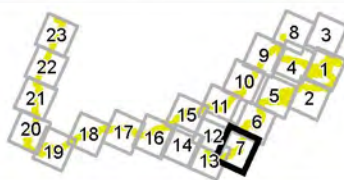
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Map Date:
5/29/2020



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|--|----------------------------|--------------|----------------|
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| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

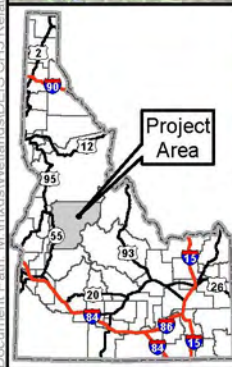
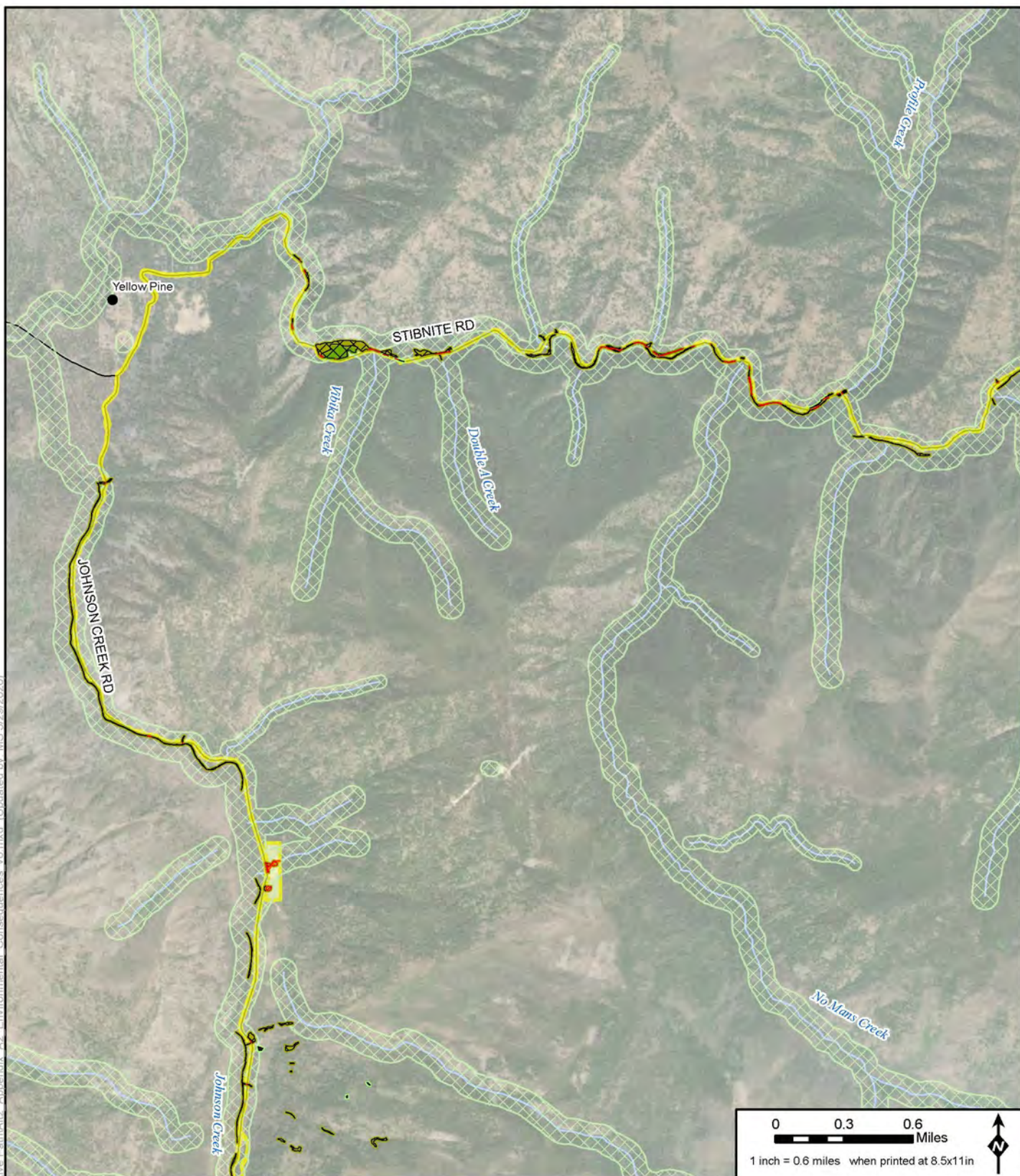


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



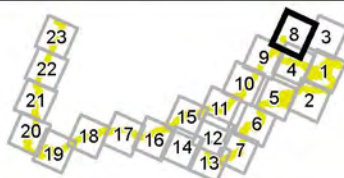
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A2-Page 7
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5/29/2020



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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Open Water | Railroad | |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |
| | | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

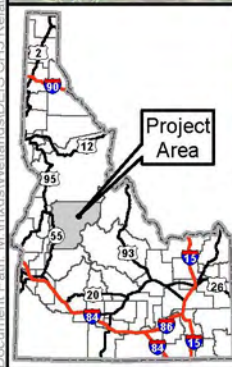
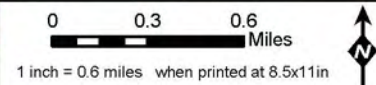
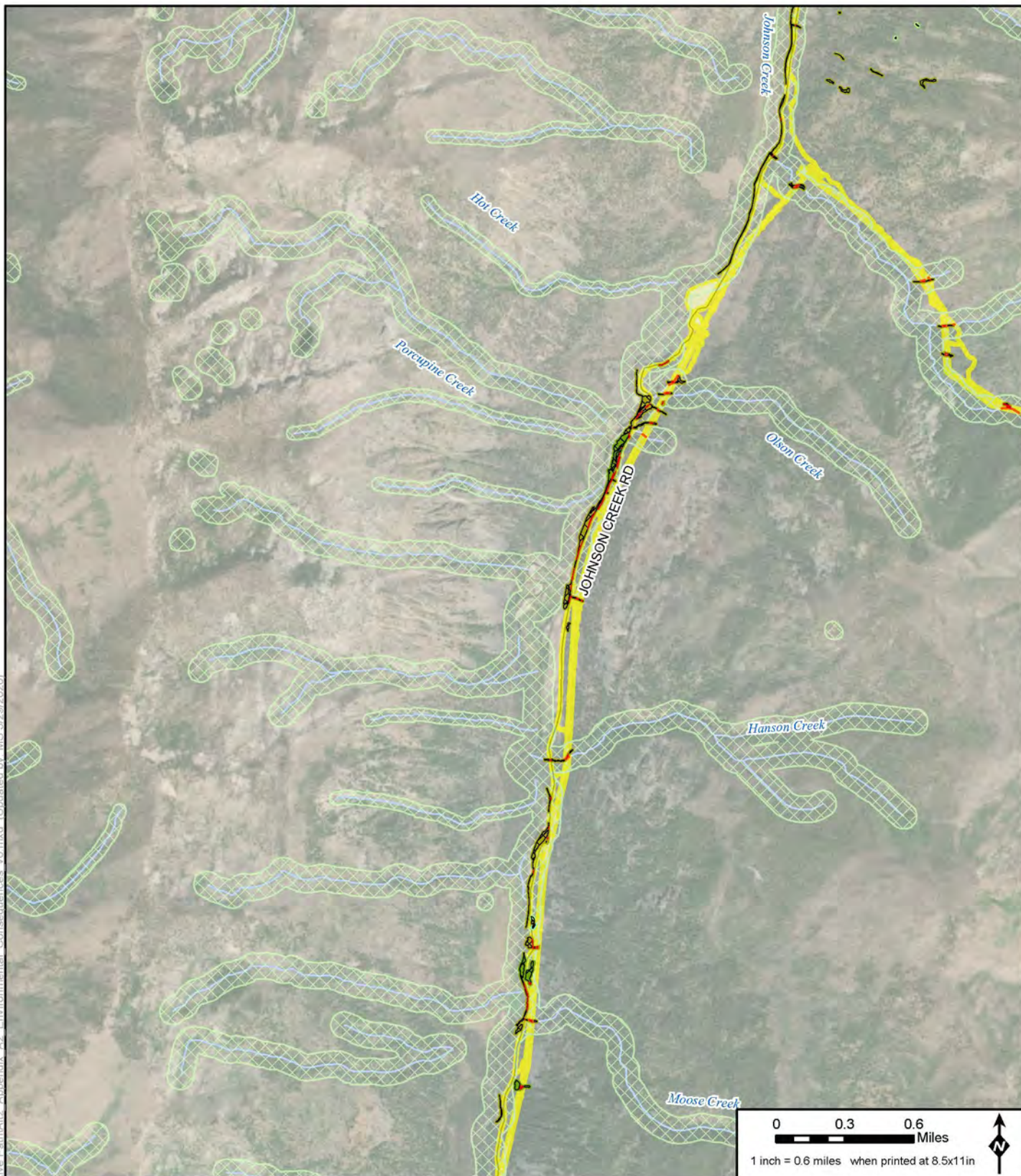


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

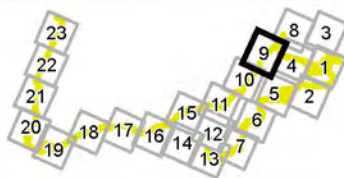


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5/29/2020



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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

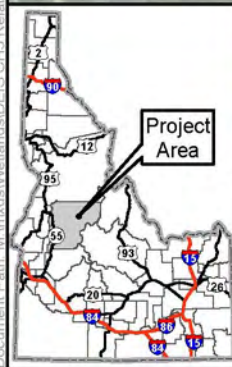
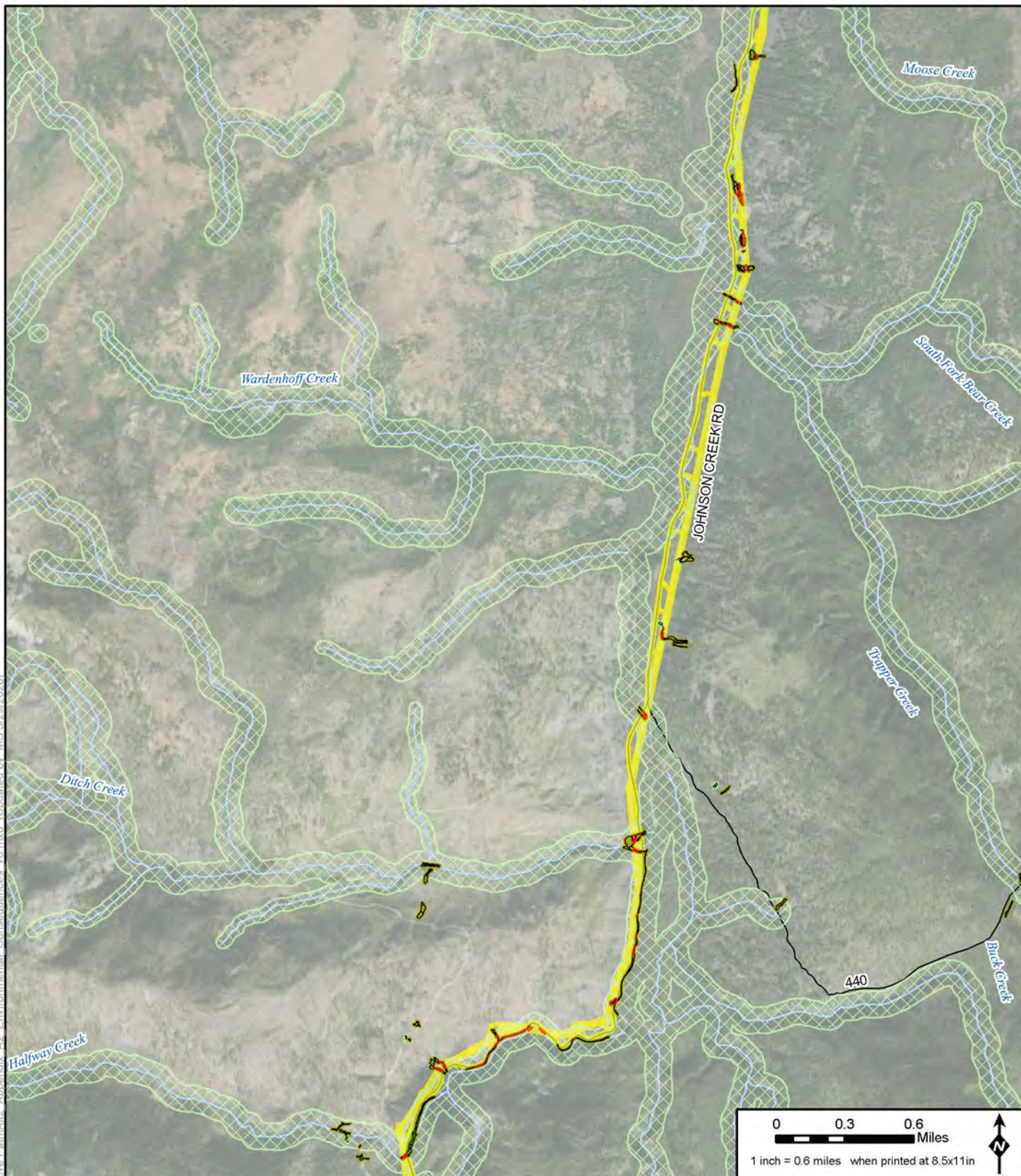


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



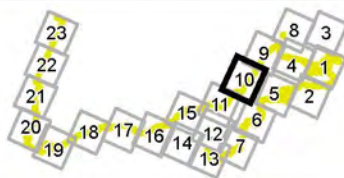
Appendix:
A2-Page 9
Map Date:
5/29/2020



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|--|---|---|--|

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

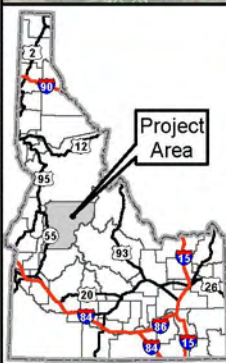
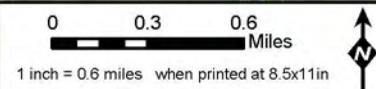
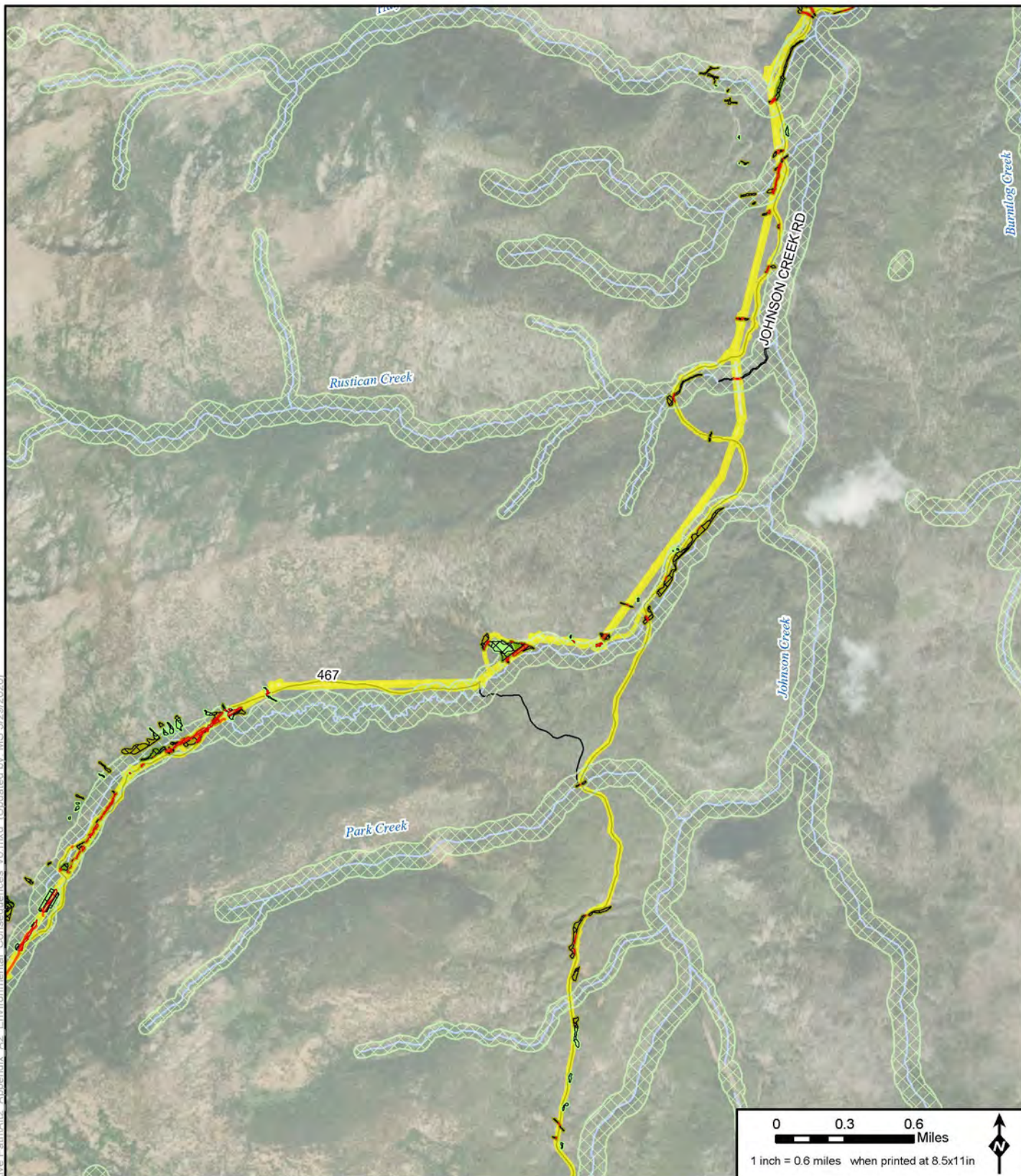


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



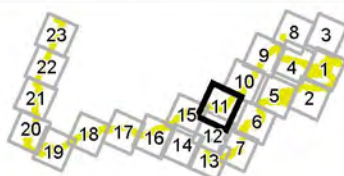
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5/29/2020



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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

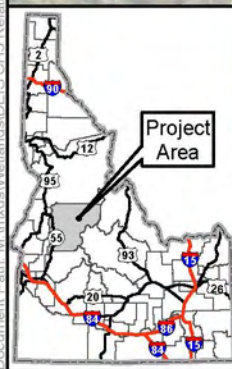
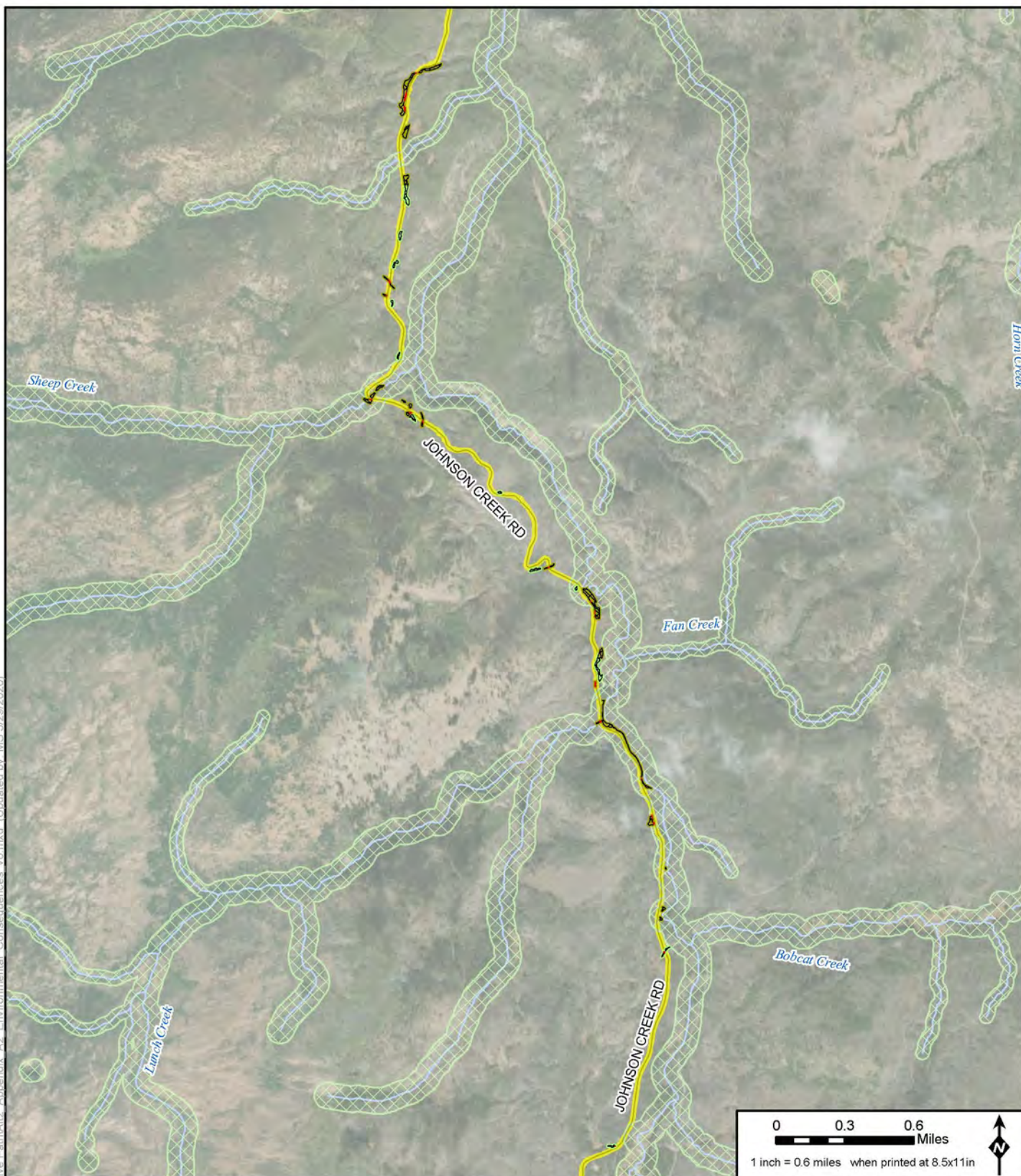


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

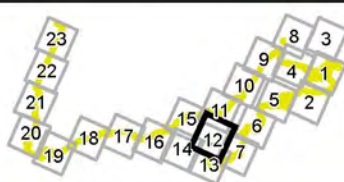
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |
- * Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

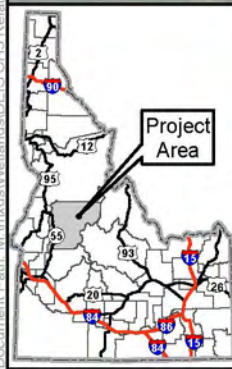


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



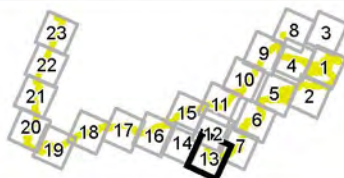
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5/29/2020



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|--|----------------------------|--------------|----------------|
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| Alternative 2 Project Disturbance Area | Open Water | Railroad | |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |
| | | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

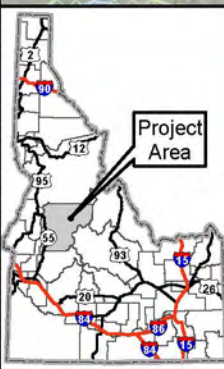
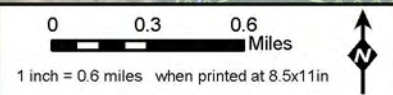
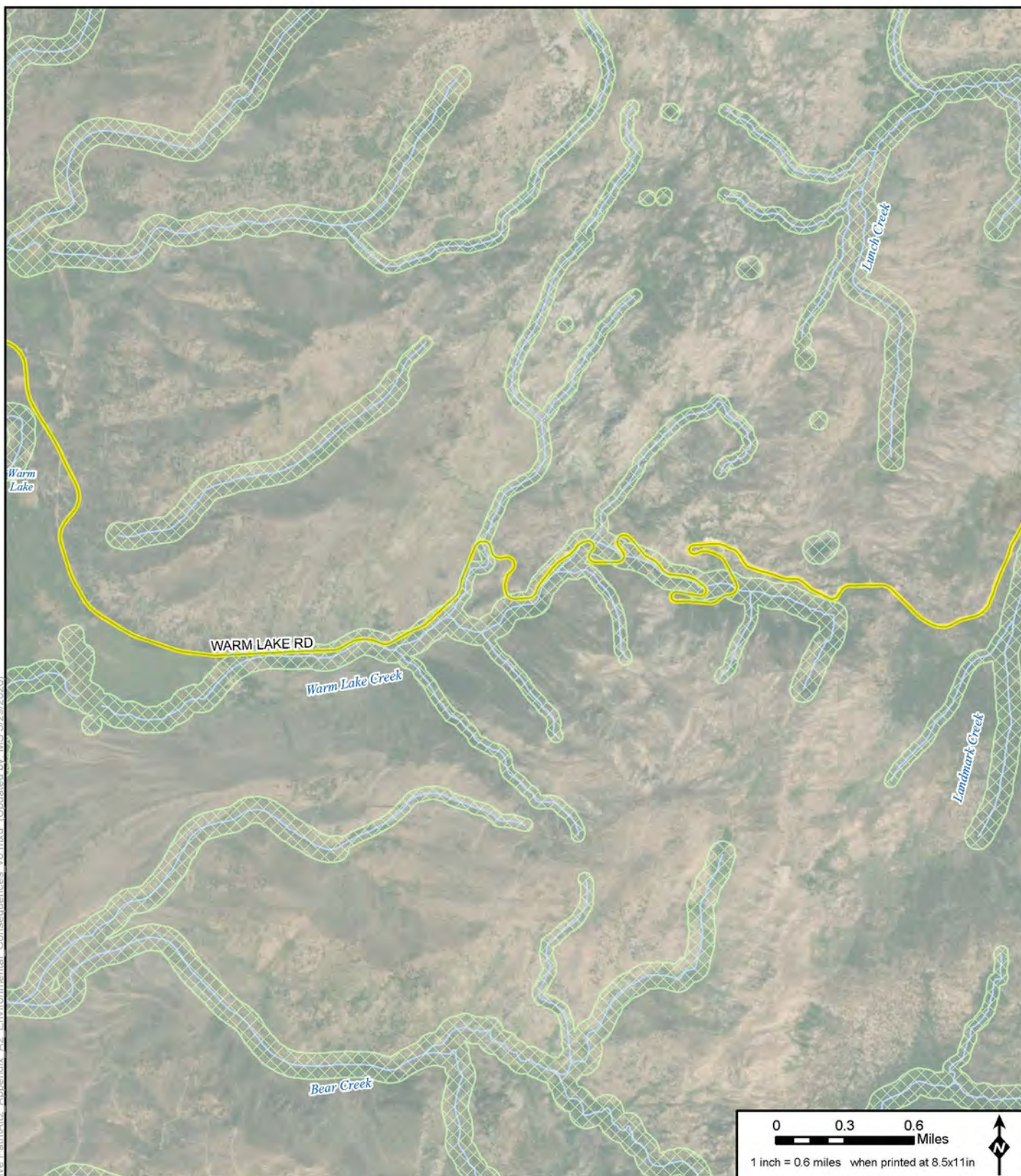


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |
- * Project Components are associated with Alternative 2
Note: Not all features are visible on this map page



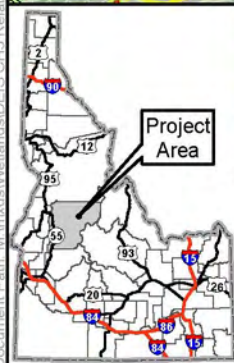
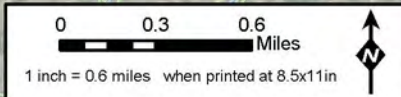
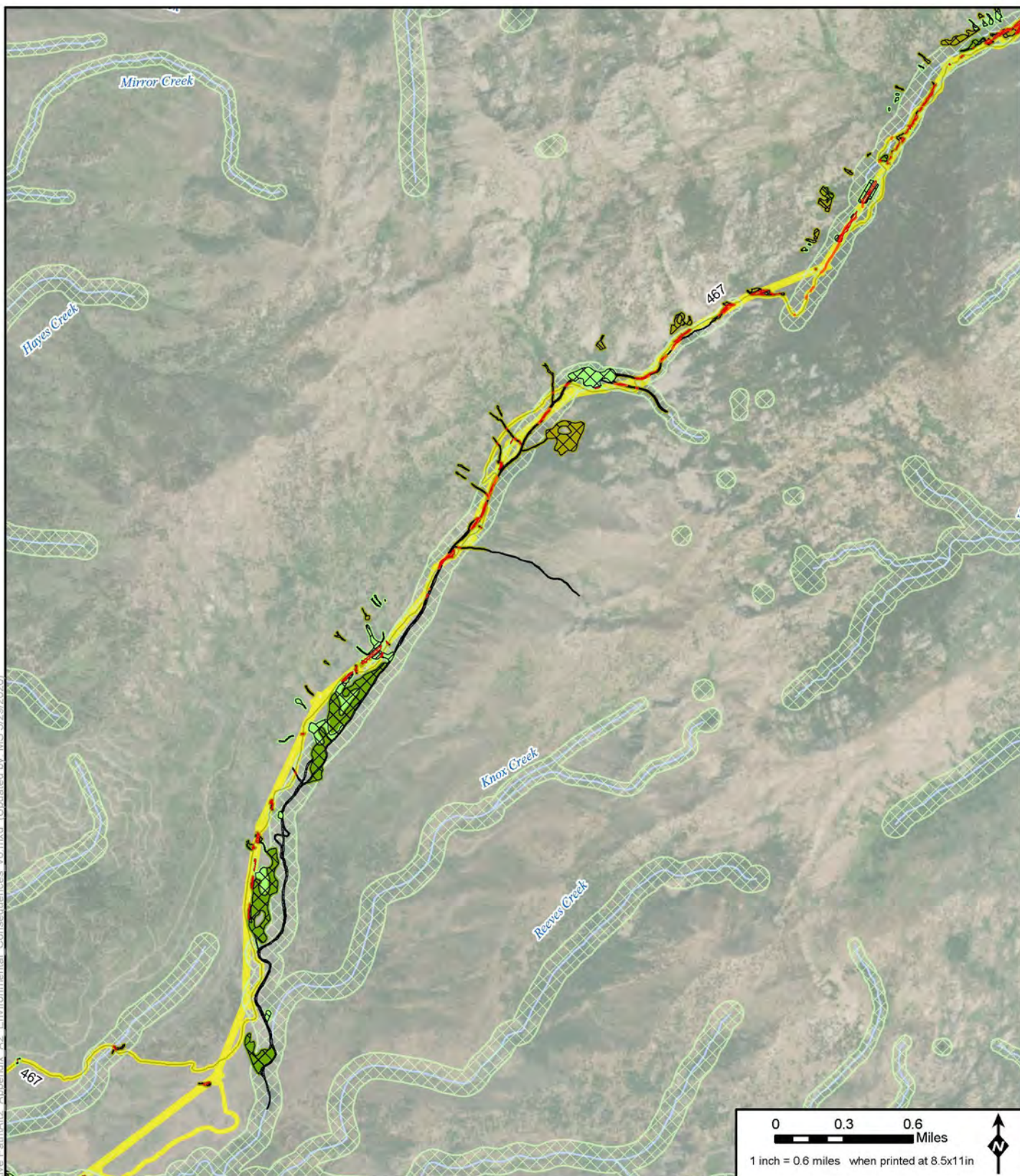
Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

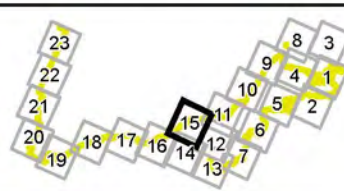


Appendix:
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Map Date:
5/29/2020

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- Legend**
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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |
- * Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

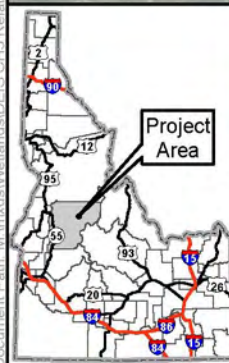
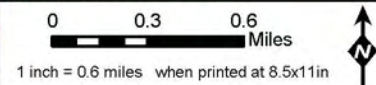


**Environmental Consequences
Alternative 2
Stibnite Gold Project
Stibnite, ID**

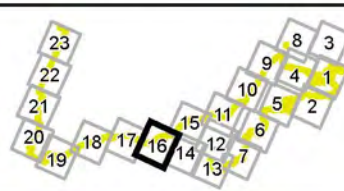
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

Appendix:
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Map Date:
5/29/2020

Document Path: M:\wells\Wetlands\DEIS CH3 Relative Path\A12 Appendix A2 Environmental Consequences v6.mxd (Updated by MS 5/29/2020)



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|--|----------------------------|--------------|----------------|
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| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |
- * Project Components are associated with Alternative 2
Note: Not all features are visible on this map page



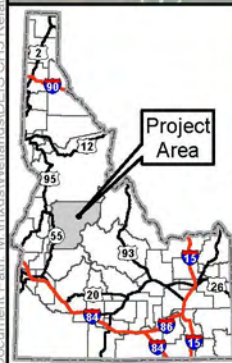
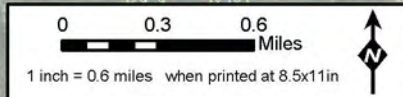
Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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Map Date:
5/29/2020

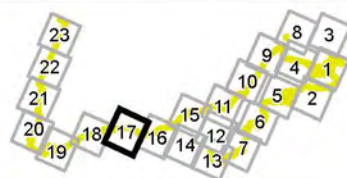
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|--|----------------------------|--------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Lake/Reservoir |
| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

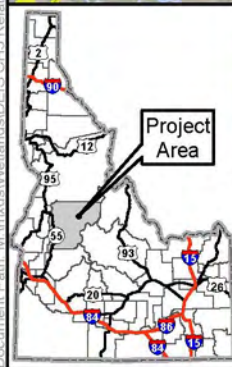
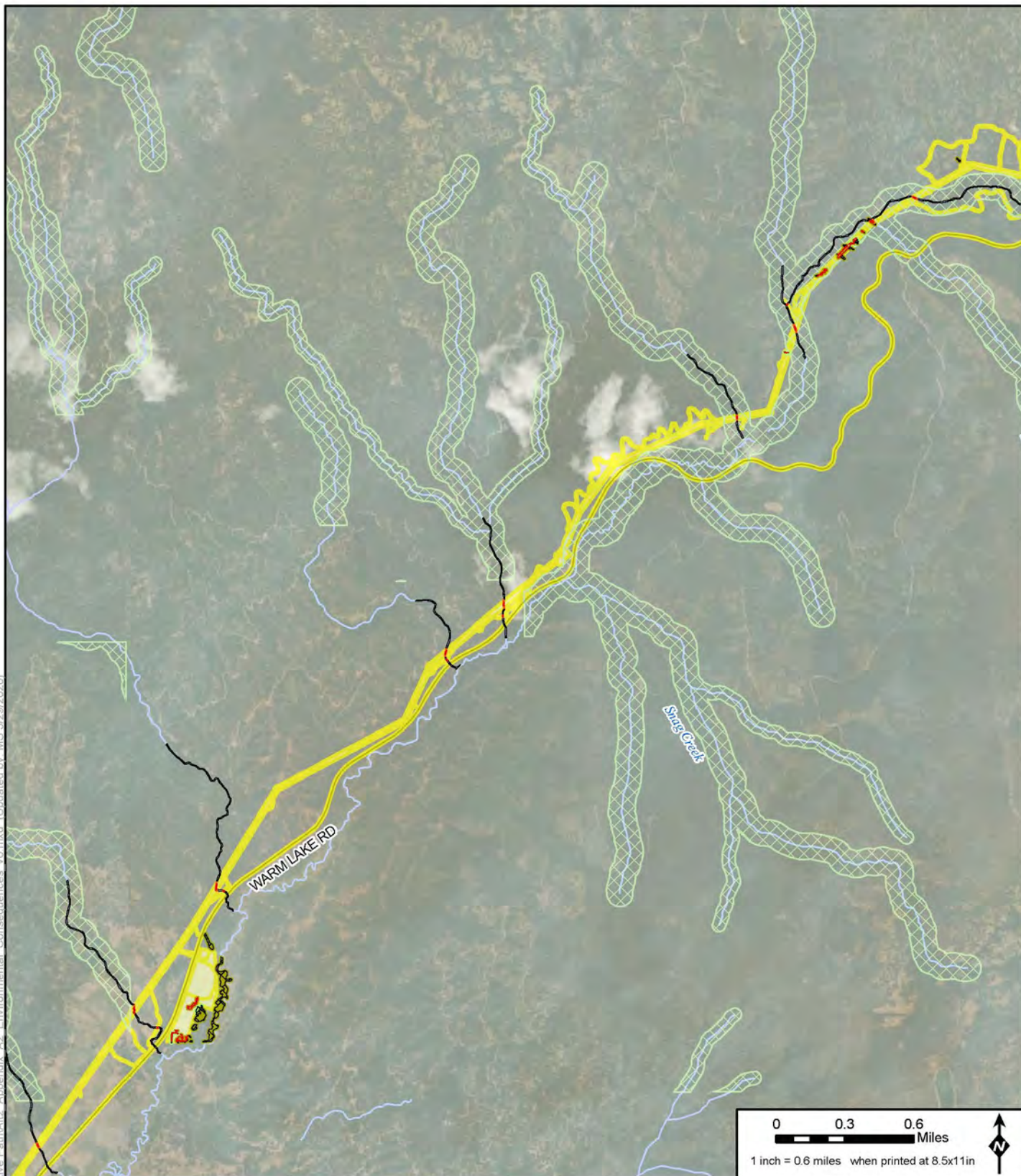


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



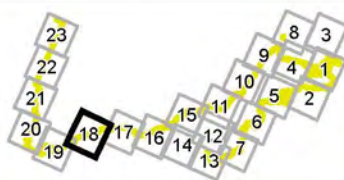
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A2-Page 17
Map Date:
5/29/2020



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|--|----------------------------|--------------|----------------|
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| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
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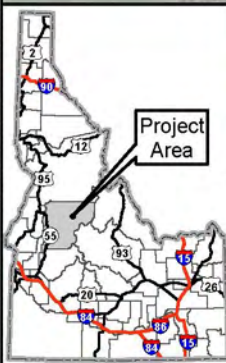
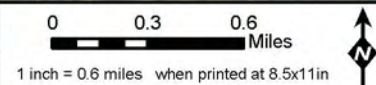
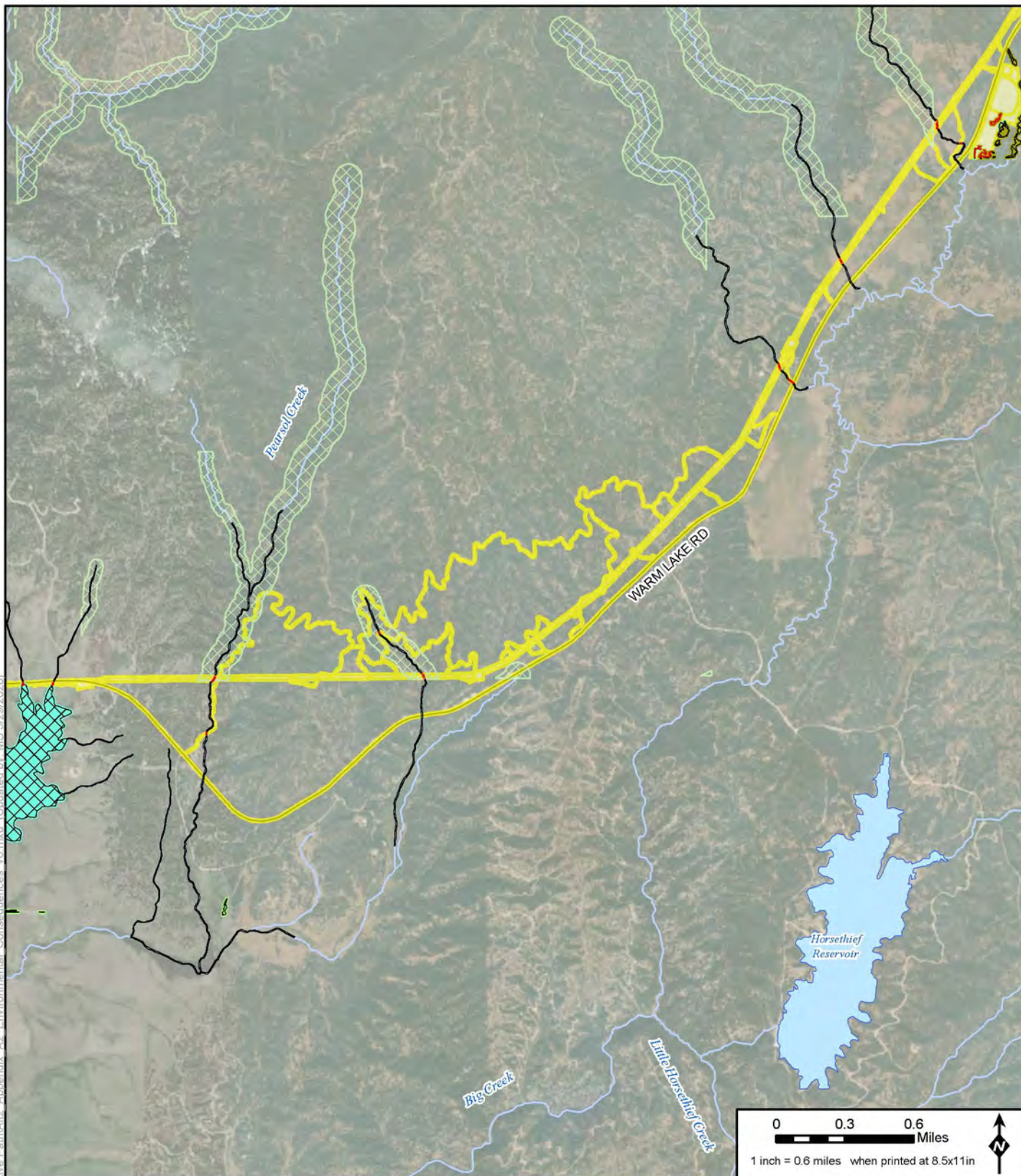


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



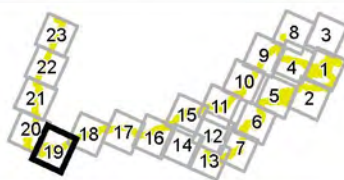
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A2-Page 18
Map Date:
5/29/2020



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| Alternative 2 Project Disturbance Area | Open Water | Railroad | |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |
| | | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

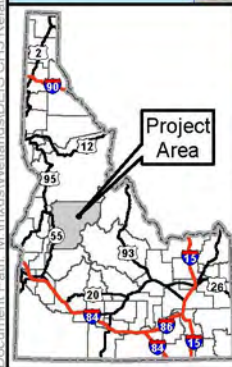
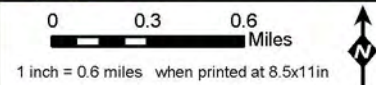
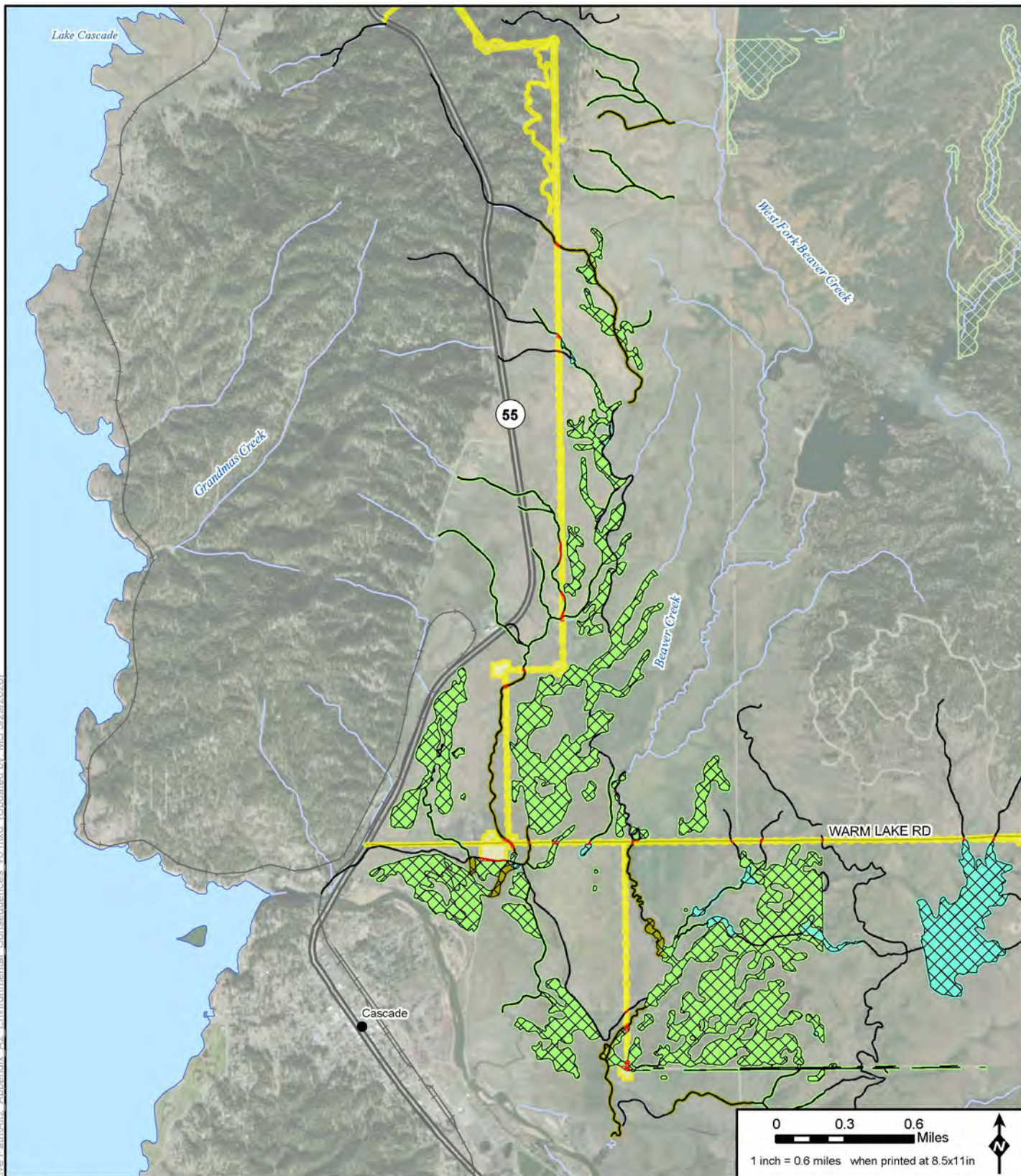


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



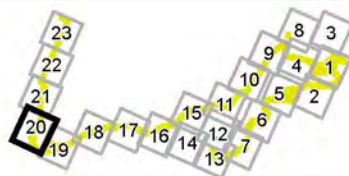
Appendix:
A2-Page 19
Map Date:
5/29/2020



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|--|----------------------------|--------------|----------------|
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| Alternative 2 Project Disturbance Area | Open Water | Railroad | |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Road | |
| | | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

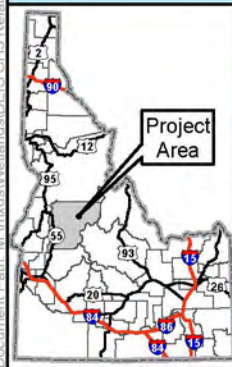
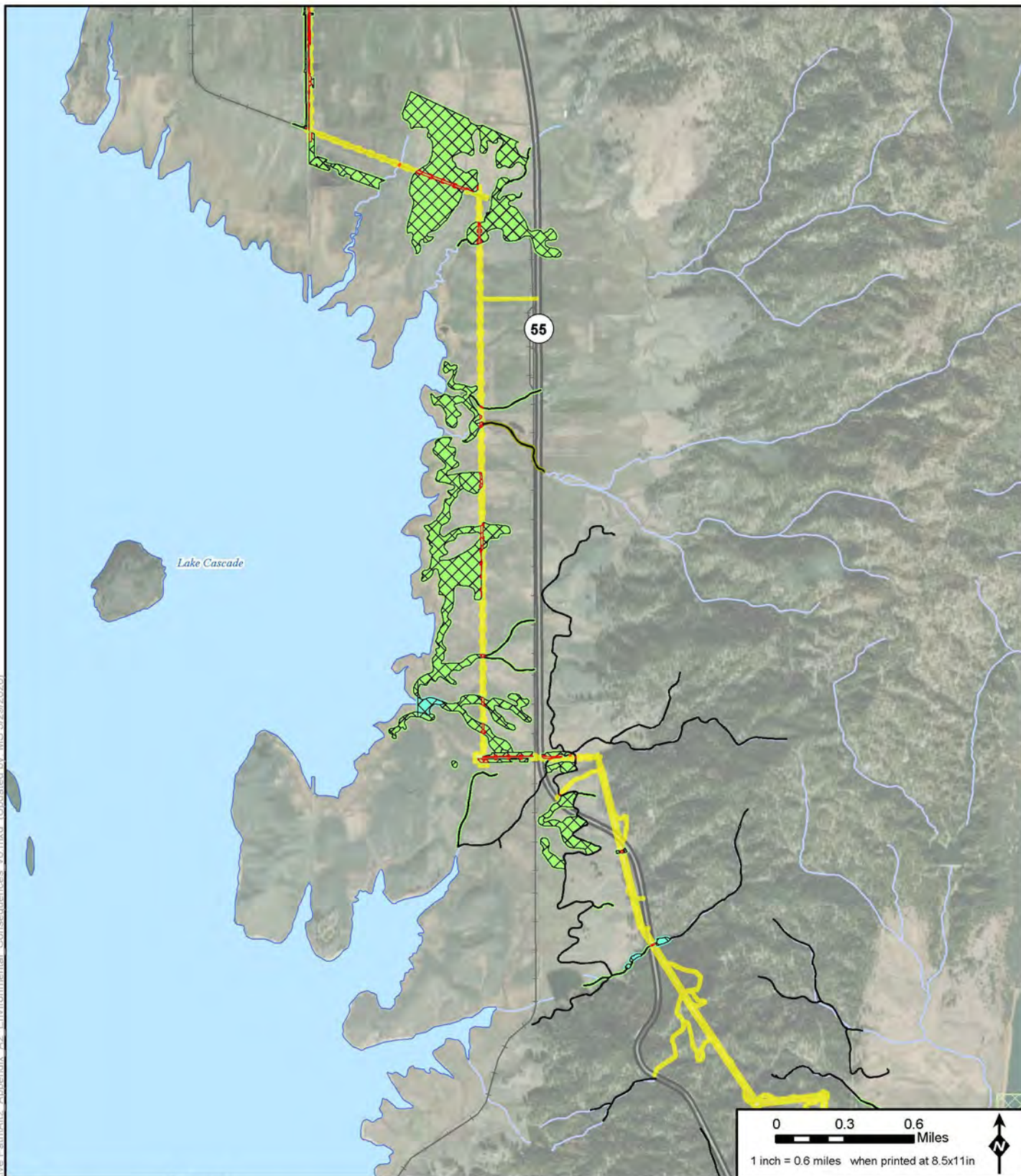


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



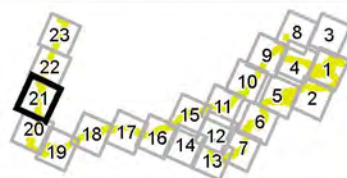
Appendix:
A2-Page 20
Map Date:
5/29/2020



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|--|----------------------------|--------------|----------------|
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| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

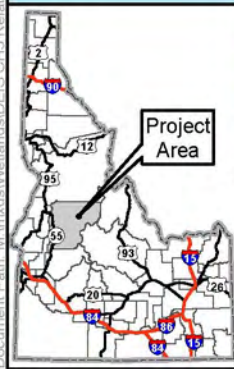
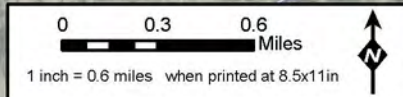
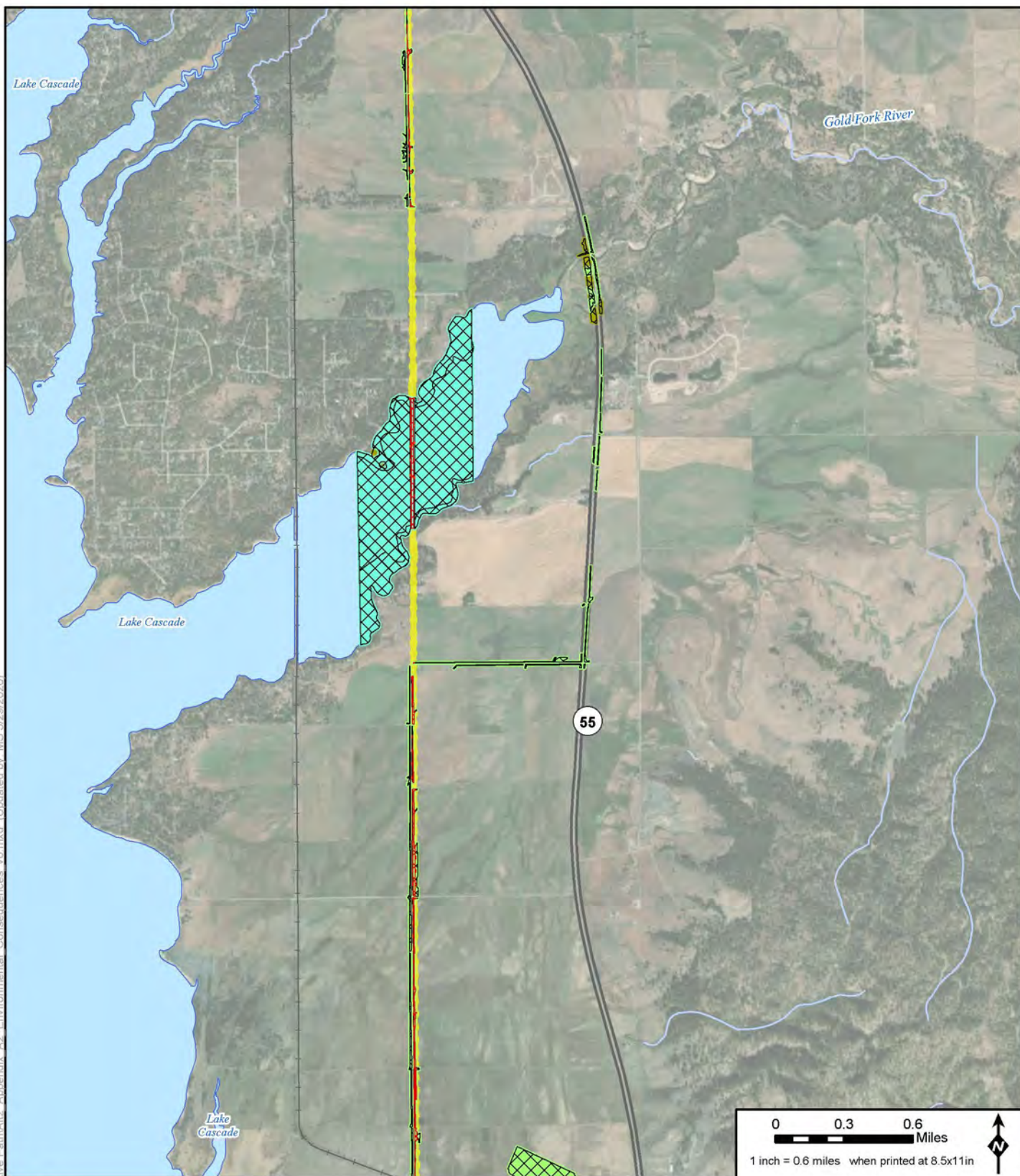


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



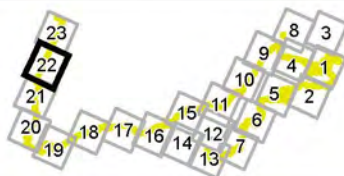
Appendix:
A2-Page 21
Map Date:
5/29/2020



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|--|----------------------------|--------------|----------------|
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| Alternative 2 Project Disturbance Area | Wetland Type | Railroad | |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Road | |
| | Scrub-Shrub | Stream/River | |

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page

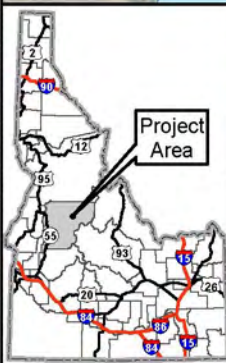
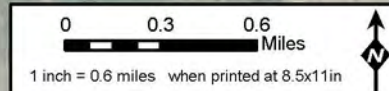
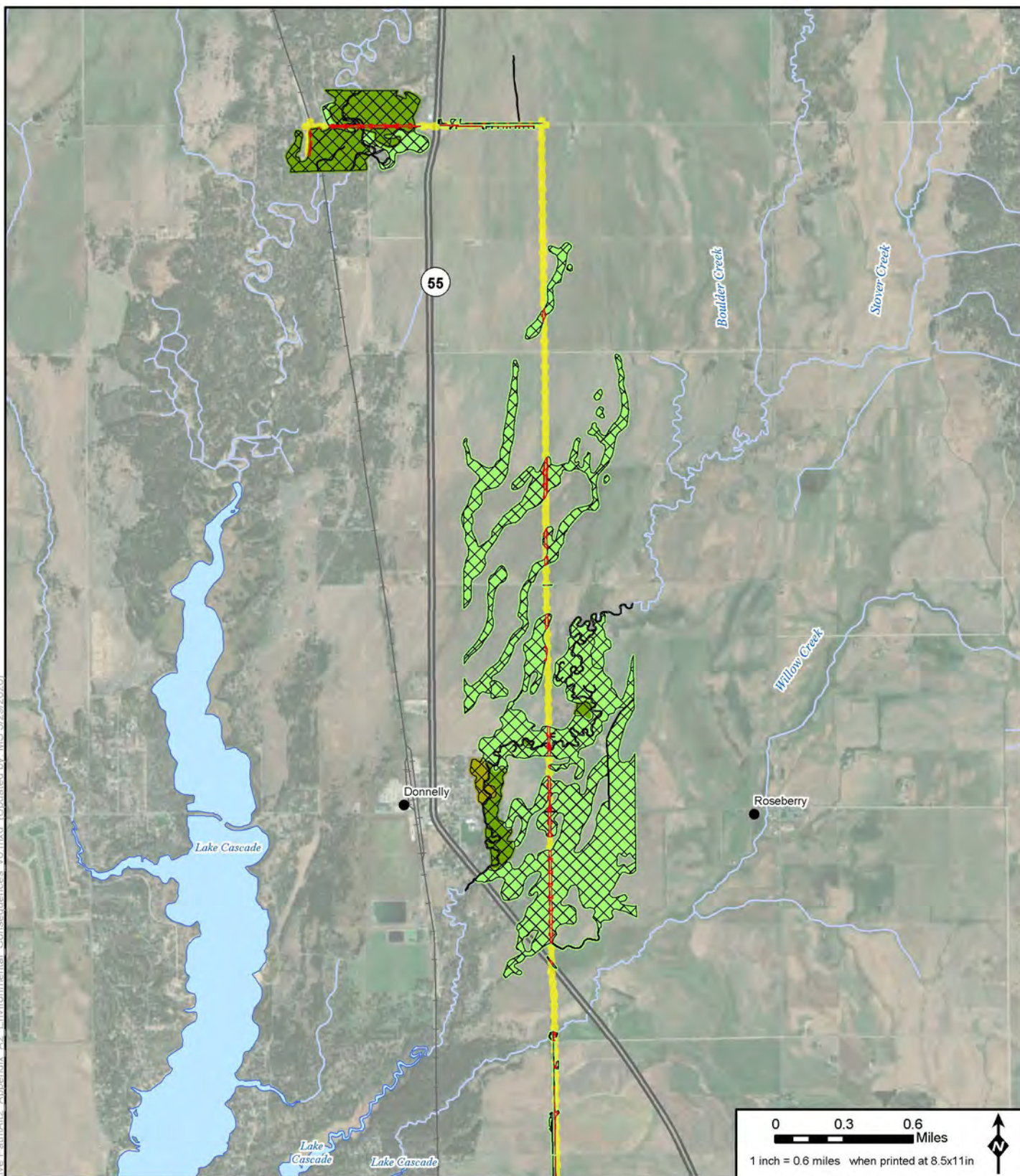


Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



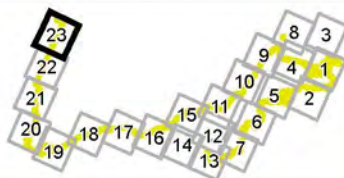
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A2-Page 22
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5/29/2020



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|--|---|---|--|

* Project Components are associated with Alternative 2
Note: Not all features are visible on this map page



Environmental Consequences Alternative 2 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



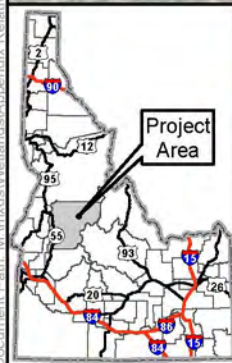
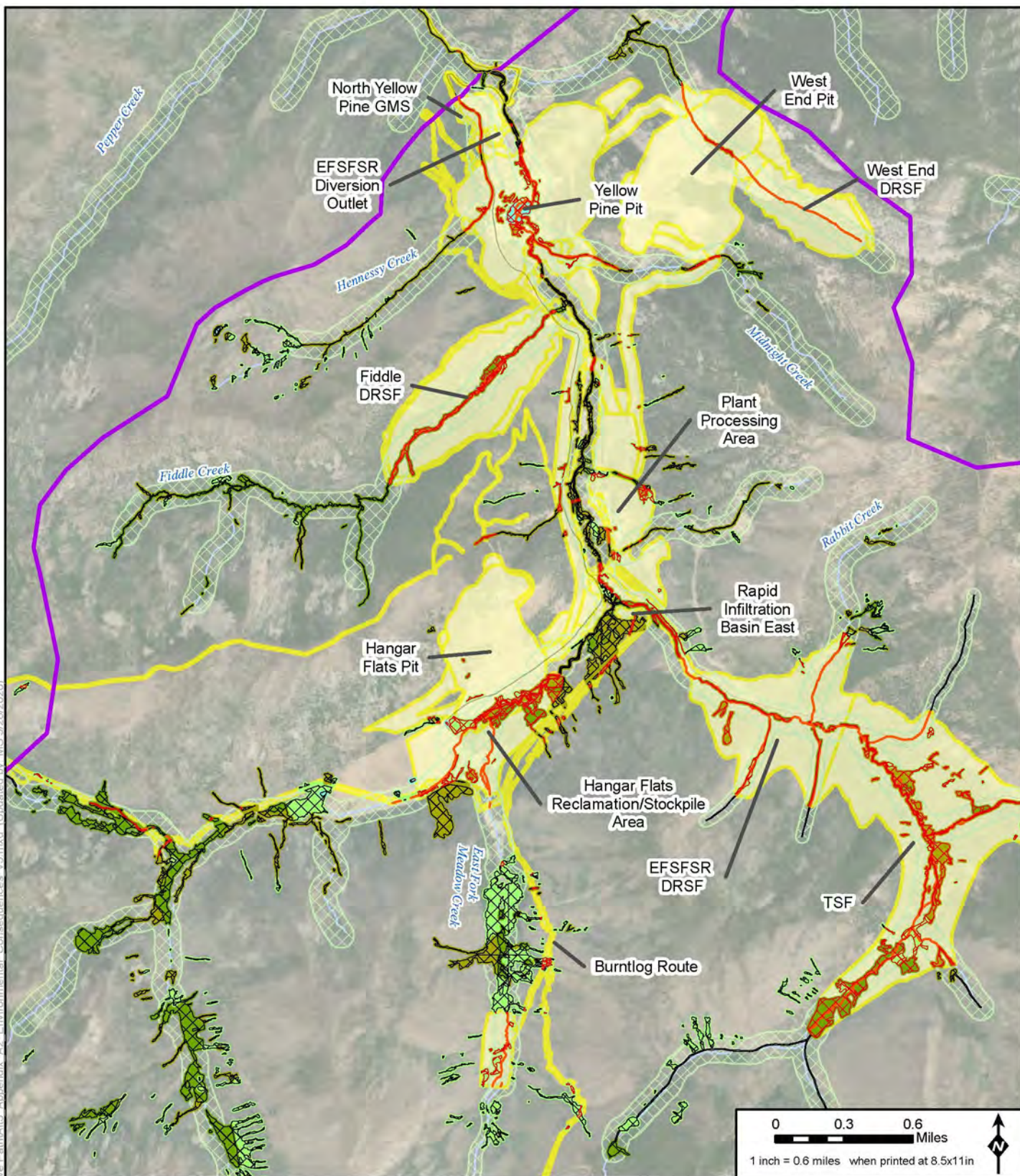
Appendix:
A2-Page 23
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5/29/2020

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**Appendix I-4: Impacts to Wetlands and Riparian Resources in the
Analysis Area, Alternative 3**

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Legend

- Wetland Analysis Area at Mine Site
 - Alternative 3 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forest
 - Railroad
 - Highway
 - Access Road
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

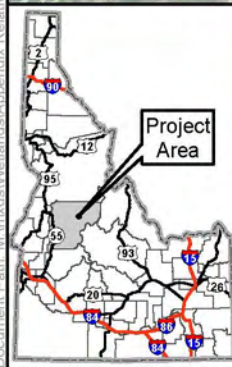
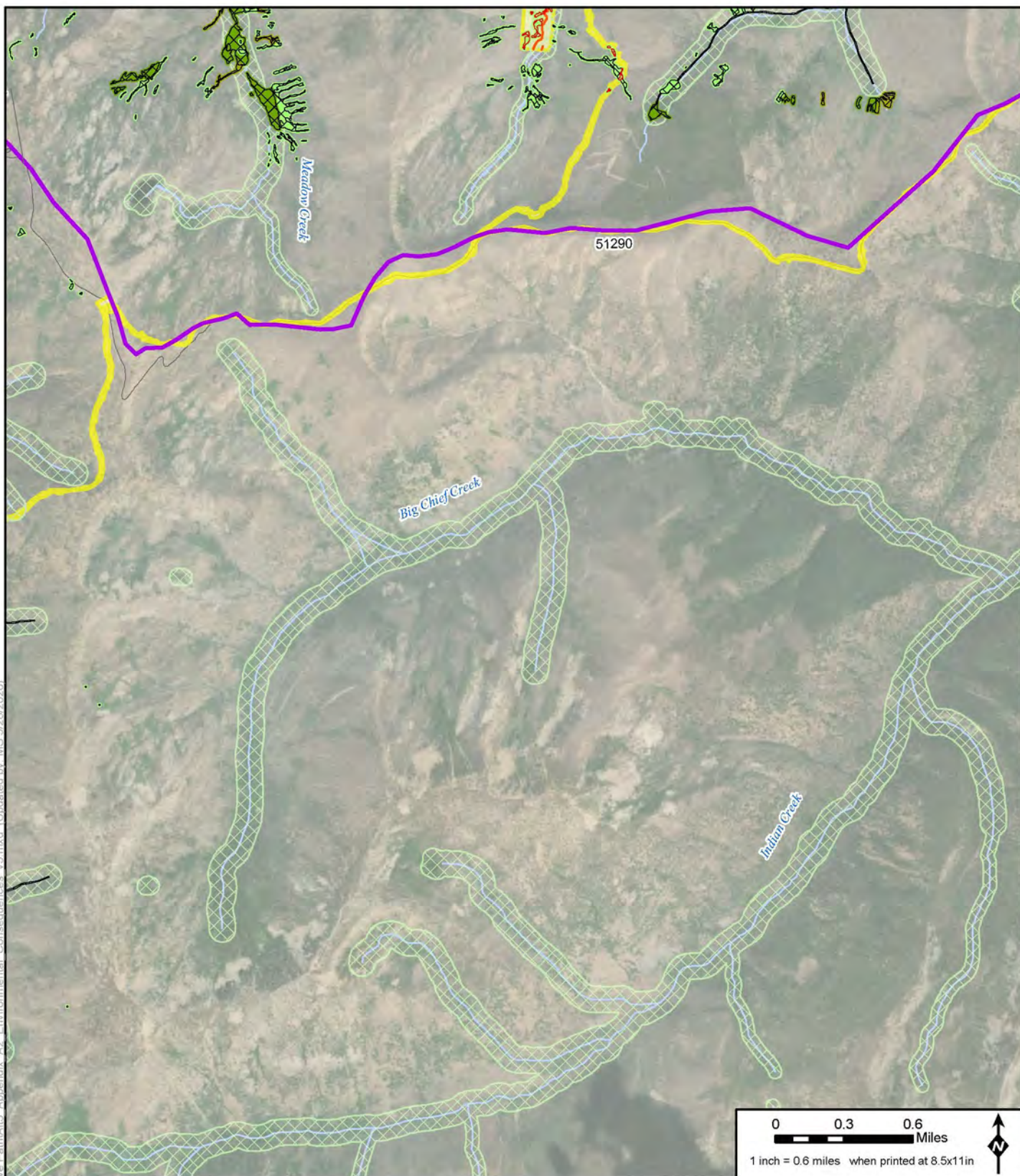


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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5/28/2020



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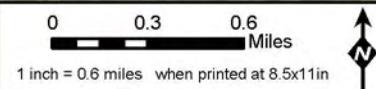
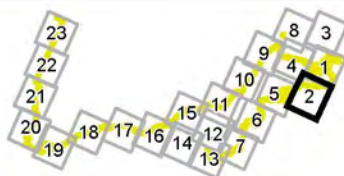
- Wetland Analysis Area at Mine Site
- Alternative 3 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Open Water
- Emergent
- Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 3
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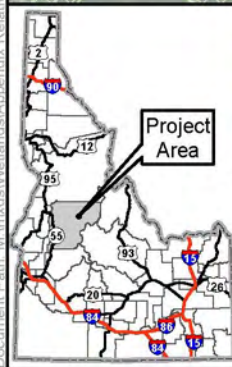


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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A2-Page 2
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5/28/2020



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|--|---|--|--|
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|--|---|--|--|

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

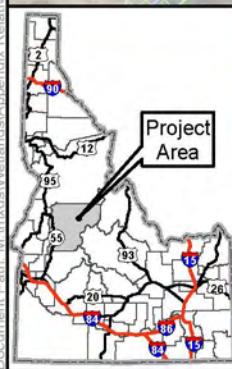
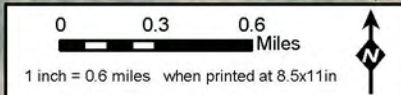
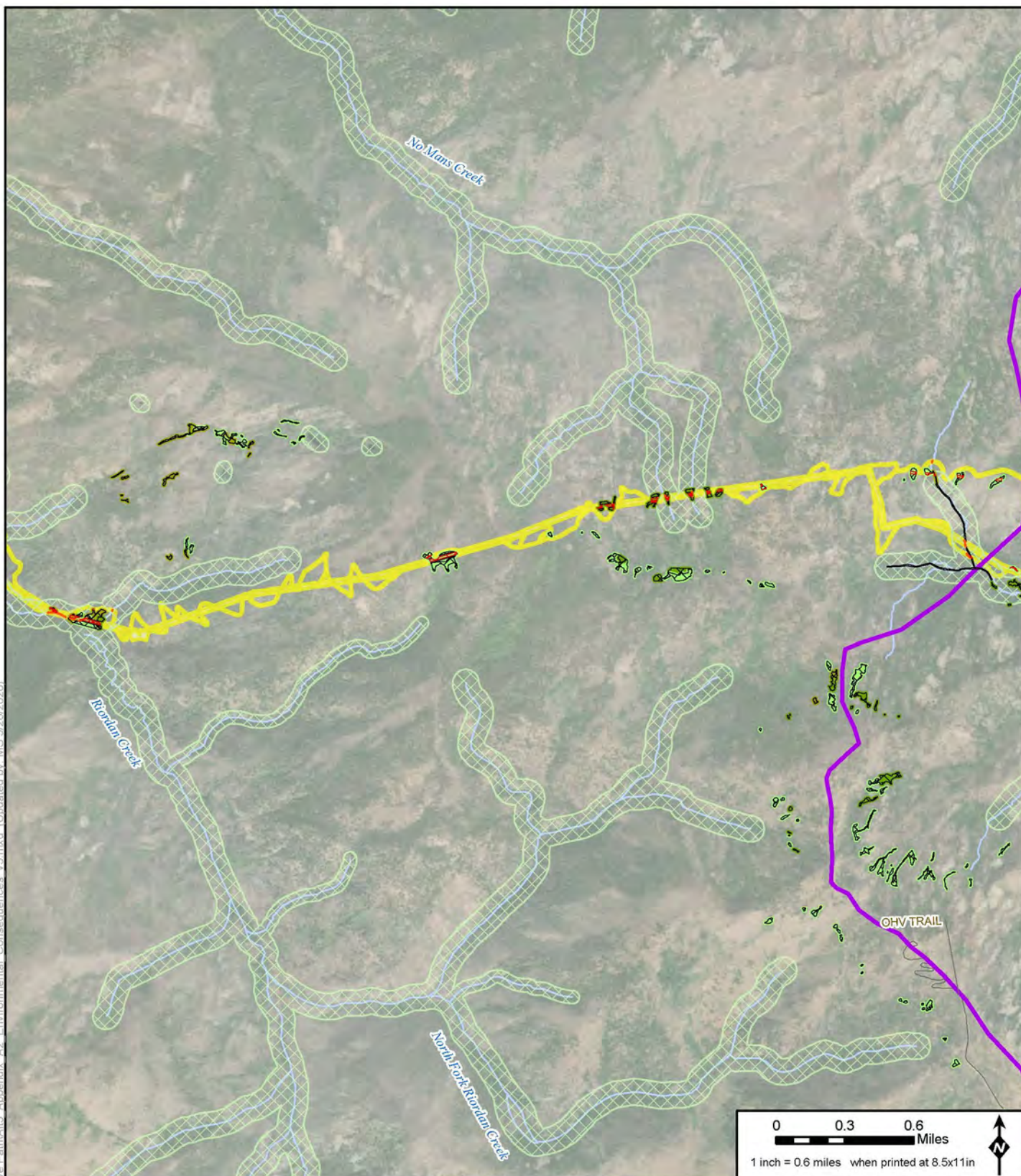


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

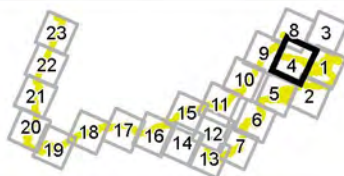
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 3 Project Disturbance Area | Wetland Type | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Access Road | |
| | Scrub-Shrub | Road | |
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

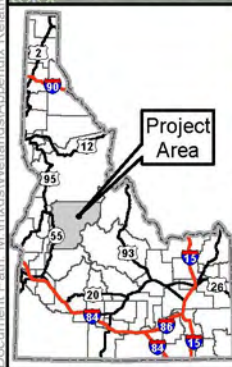
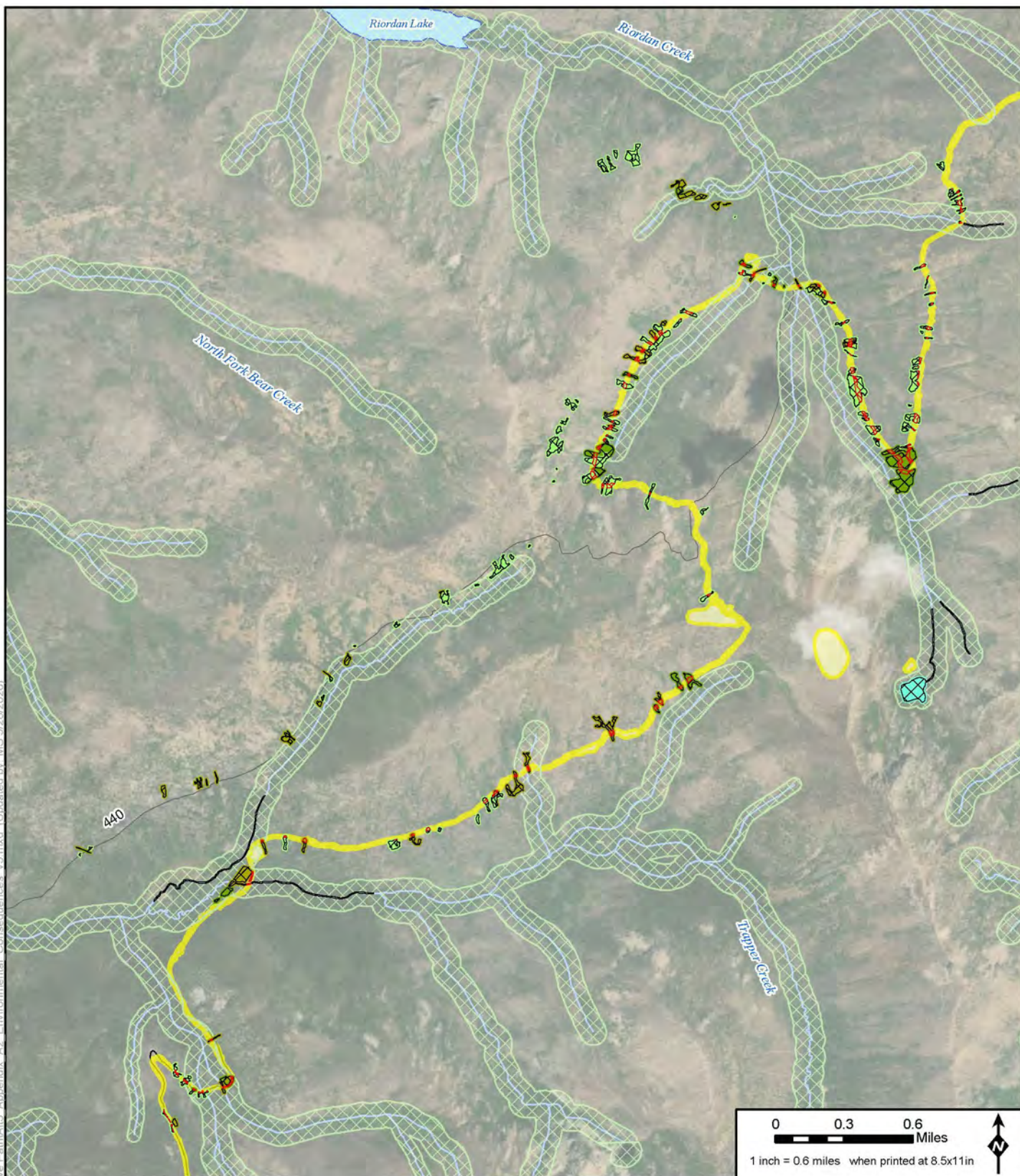


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



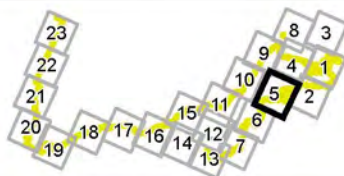
Appendix:
A2-Page 4
Map Date:
5/28/2020



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|--|---|--|--|

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

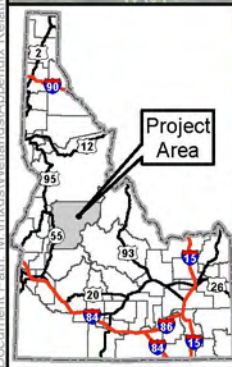
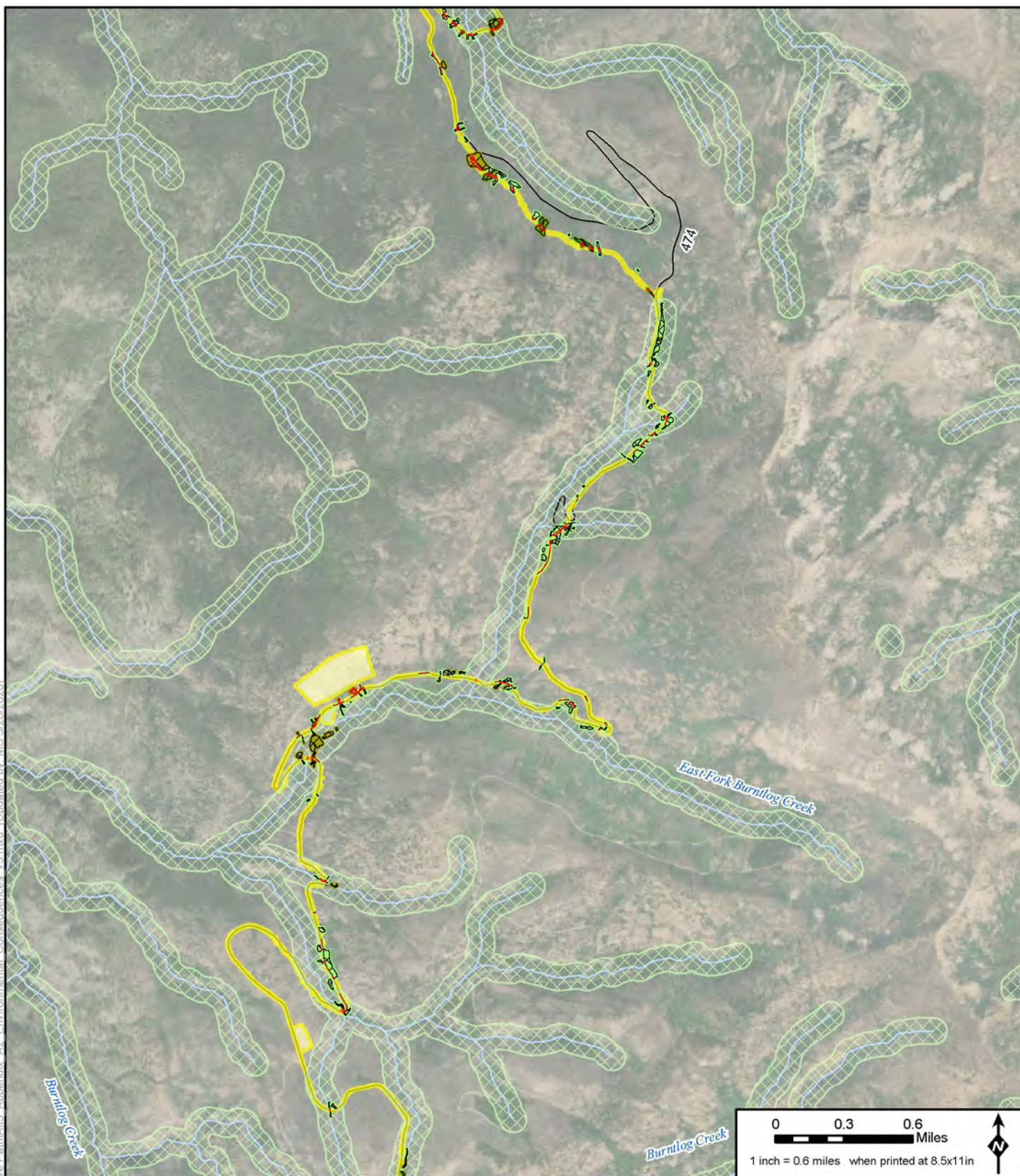


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

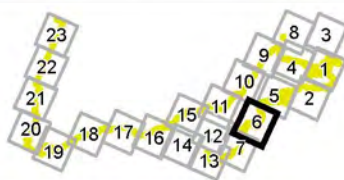
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
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|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 3 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

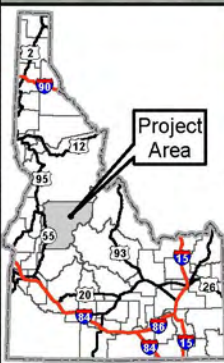
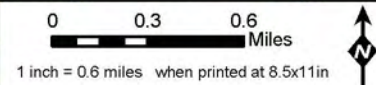
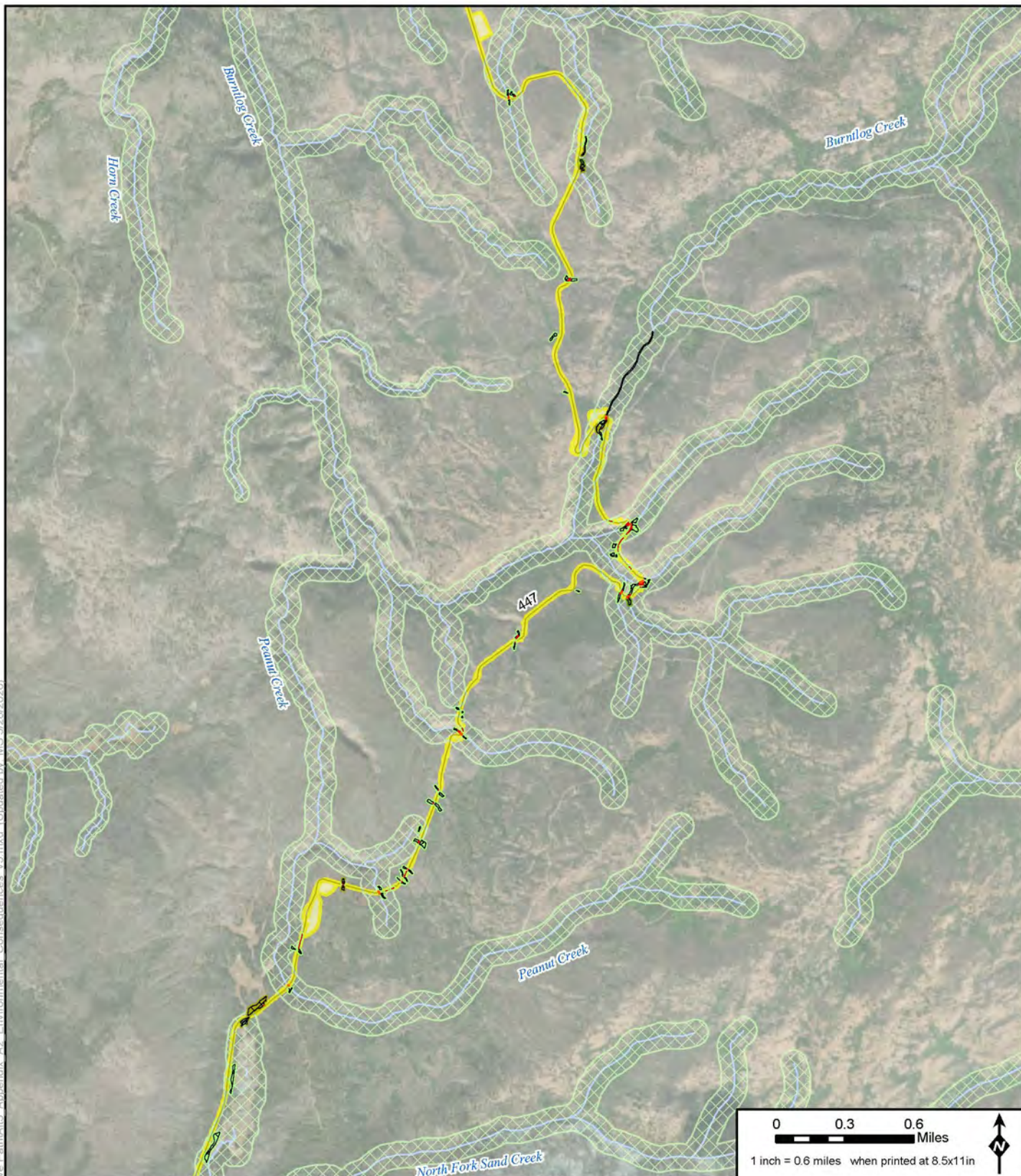


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



Appendix:
A2-Page 6
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Legend

- | | | | |
|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 3 Project Disturbance Area | Wetland Type | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Access Road | |
| | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

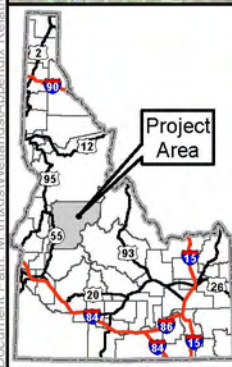
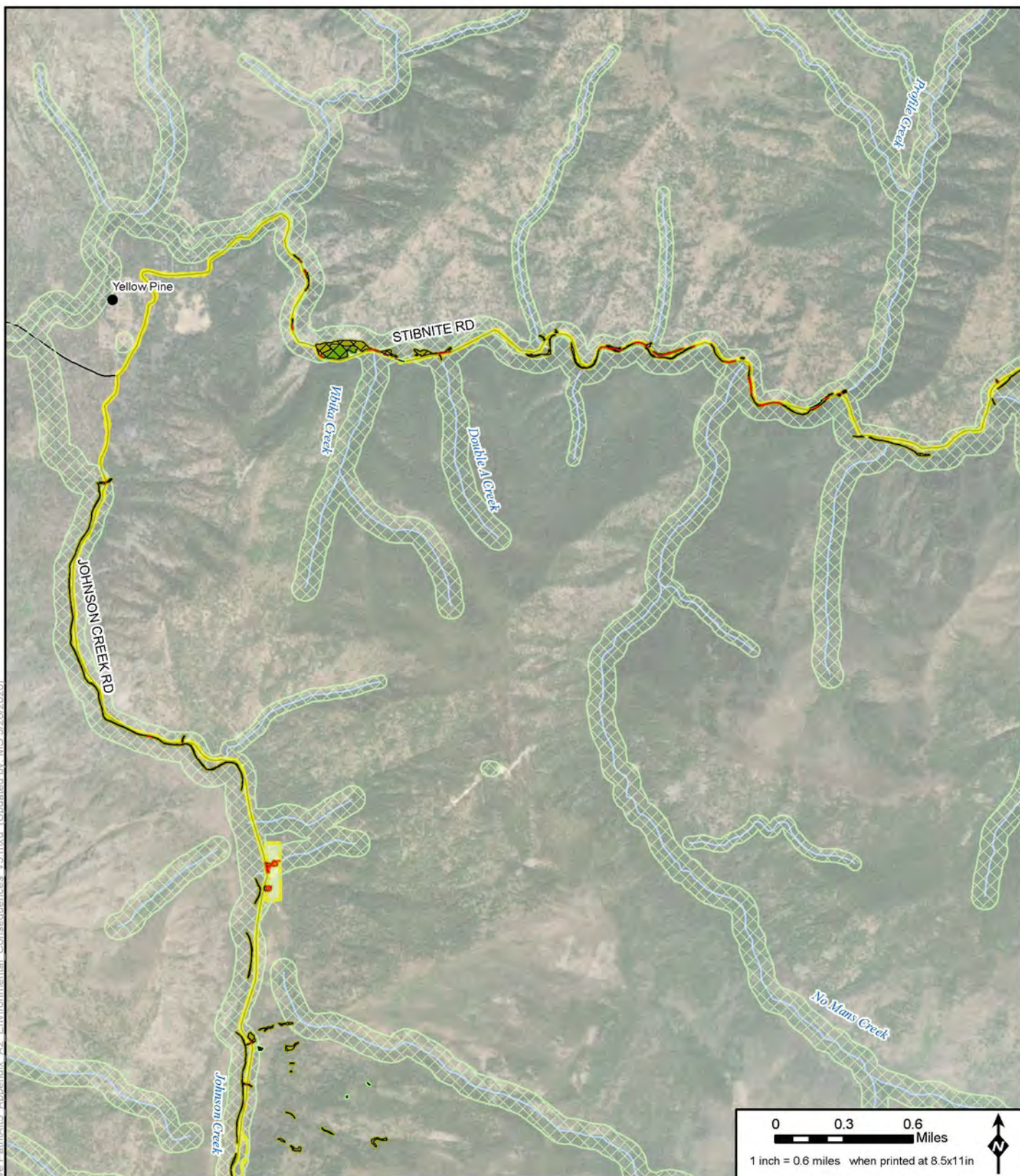


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



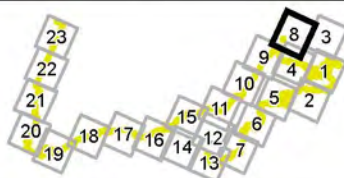
Appendix:
A2-Page 7
Map Date:
5/28/2020



Legend

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|--|---|--|--|
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|--|---|--|--|

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

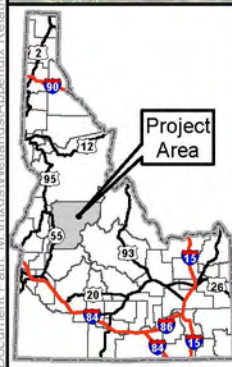
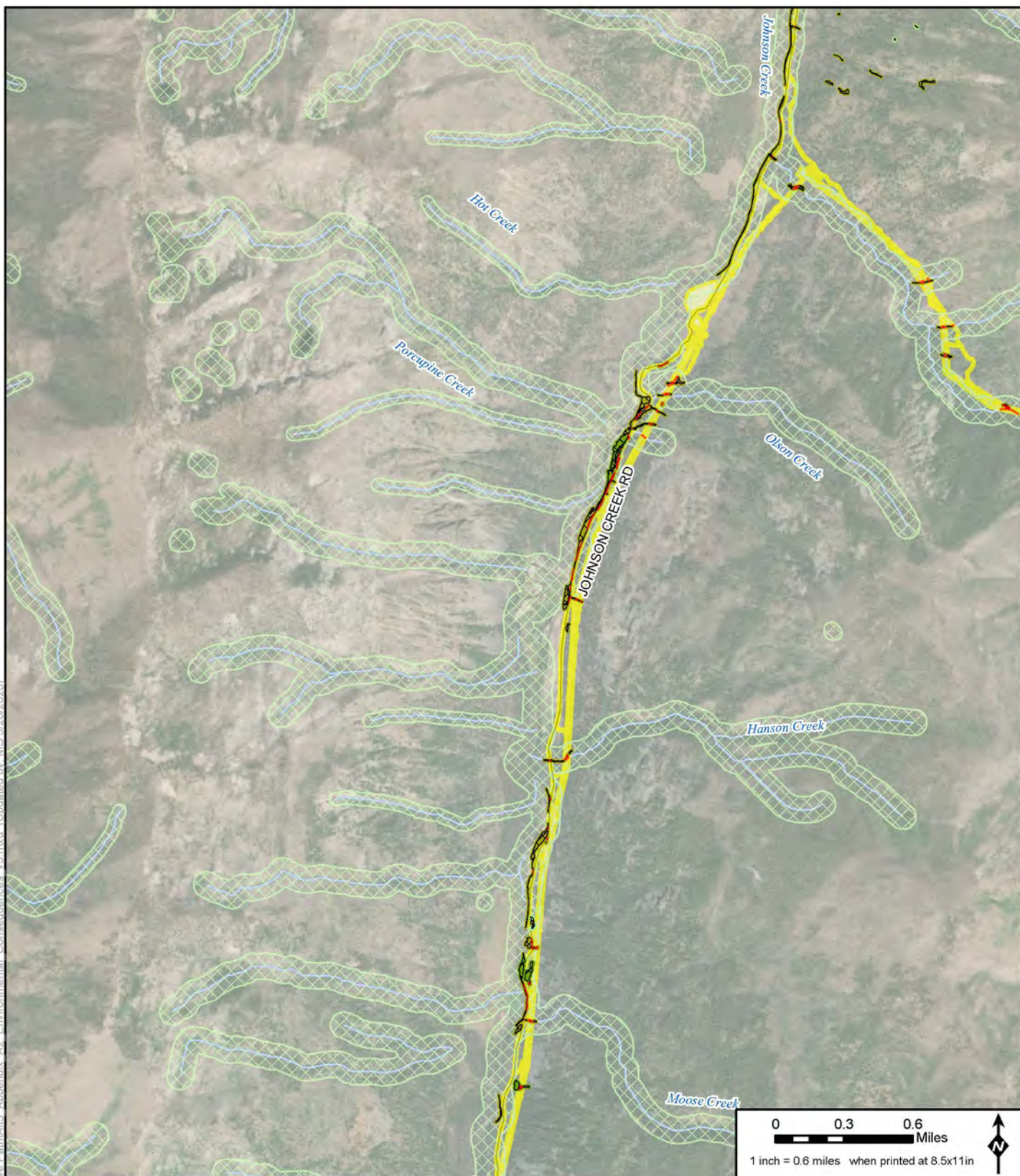


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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A2-Page 8
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5/28/2020



Legend

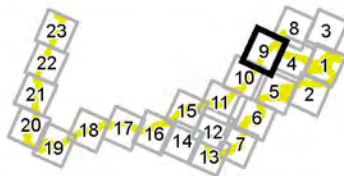
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- Alternative 3 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

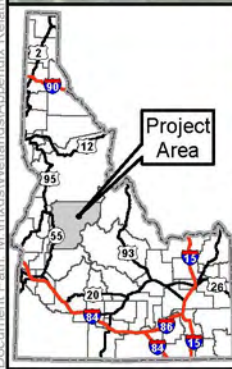
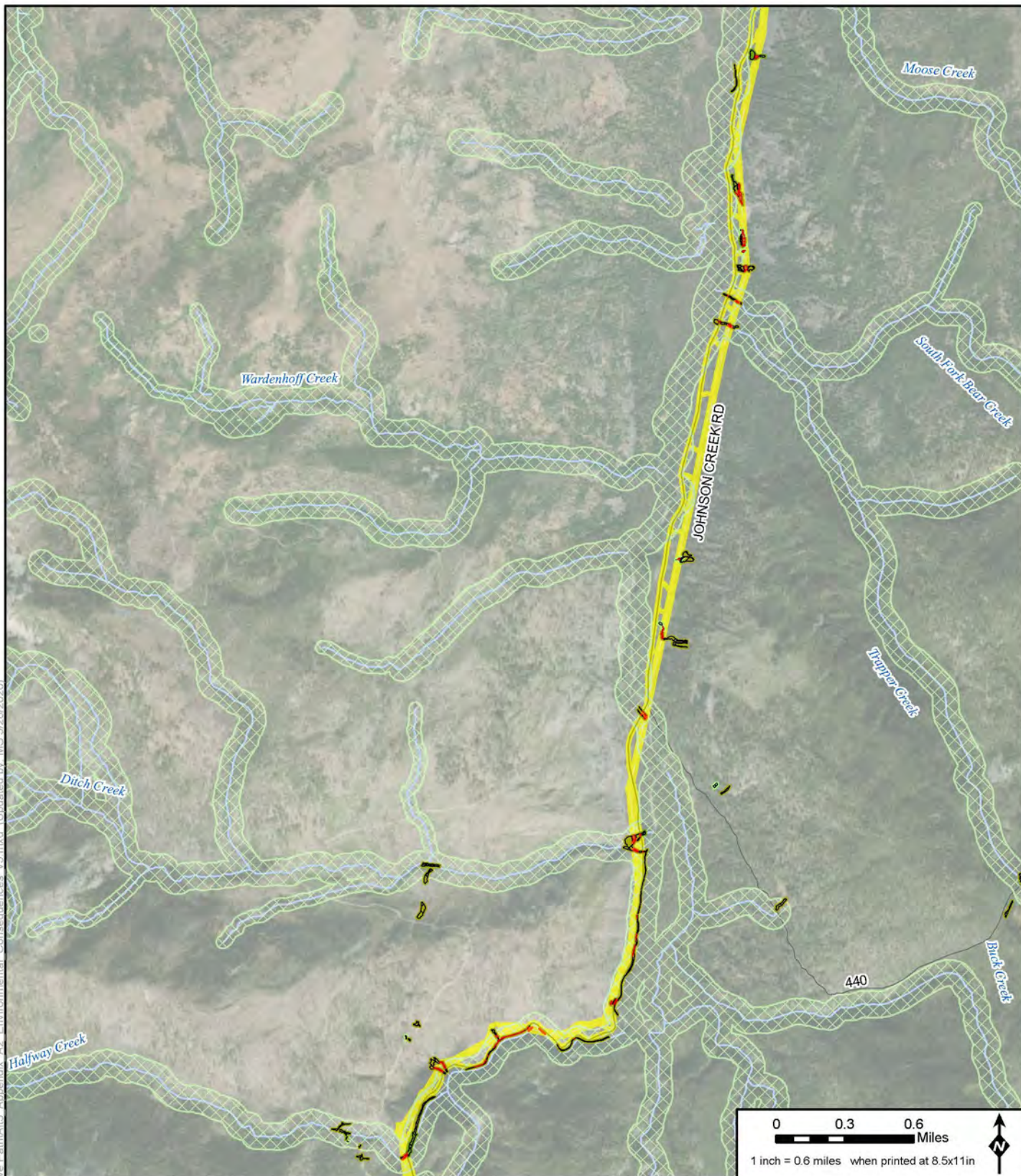


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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5/28/2020



Legend

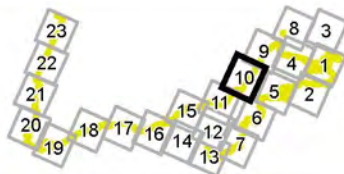
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- Alternative 3 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

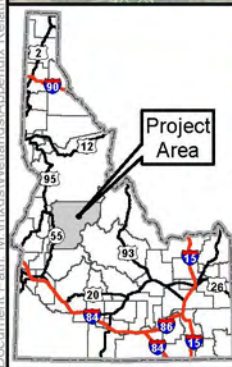
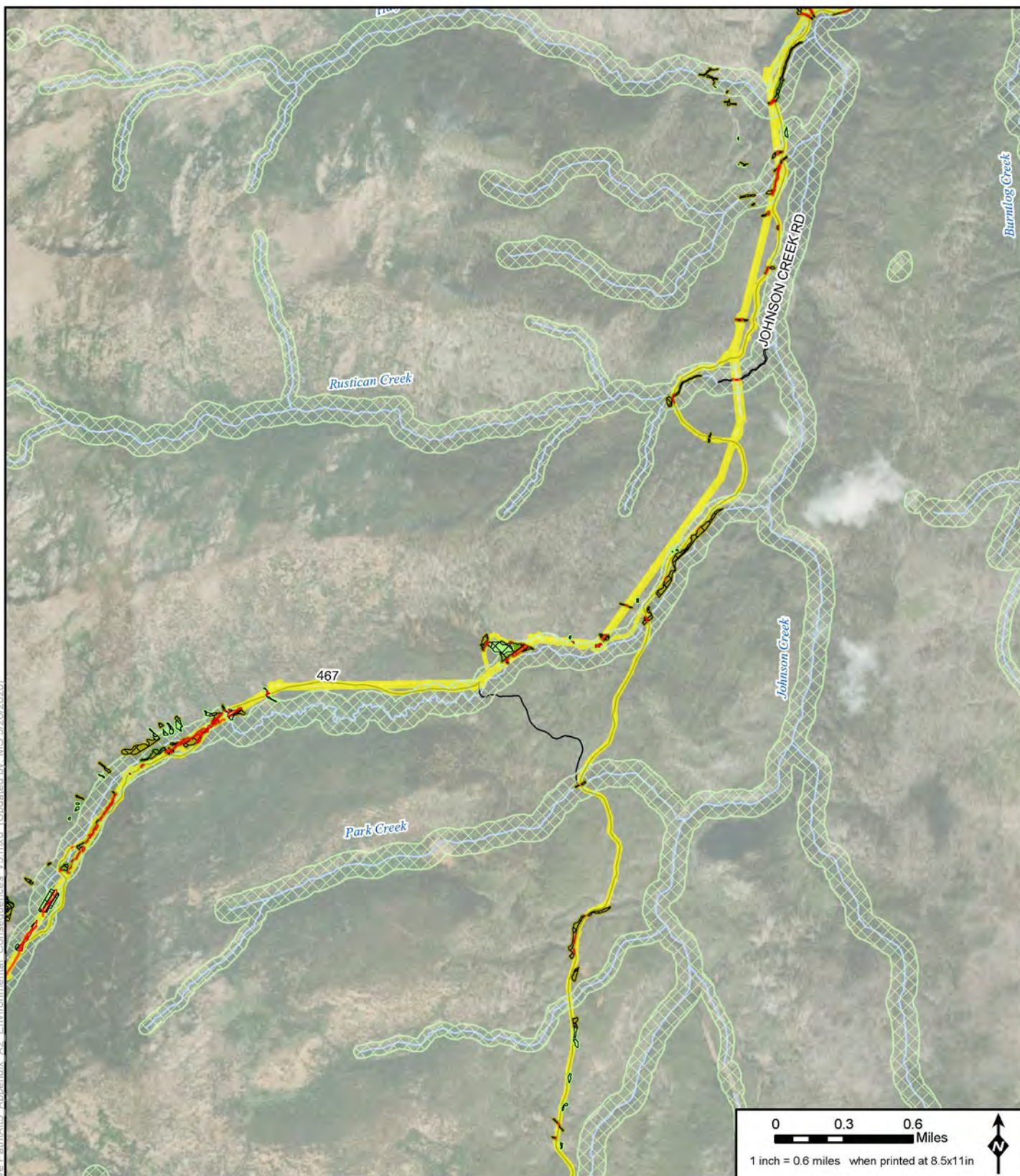


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



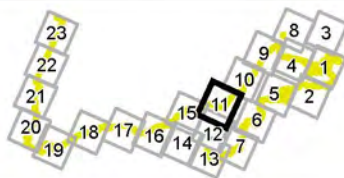
Appendix:
A2-Page 10
Map Date:
5/28/2020



Legend

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|--|---|--|--|
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|--|---|--|--|

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

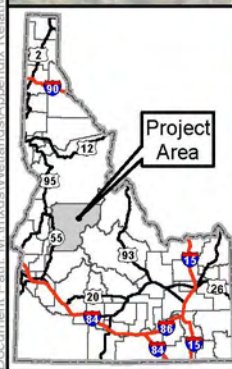
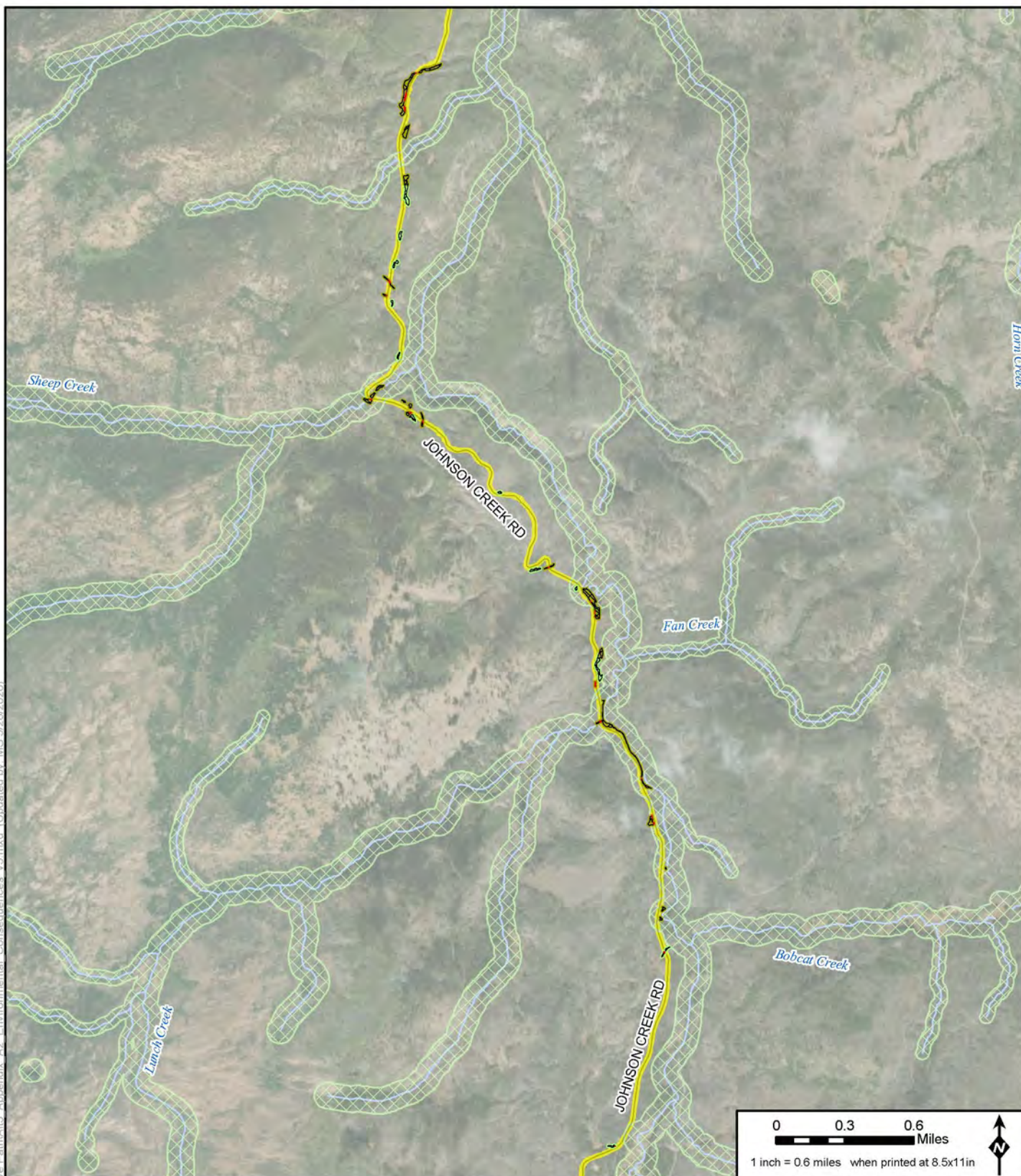


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

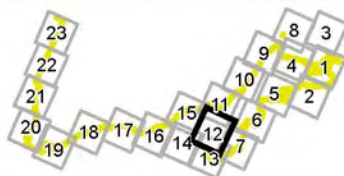
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



Appendix:
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- Legend**
- | | | | |
|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 3 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

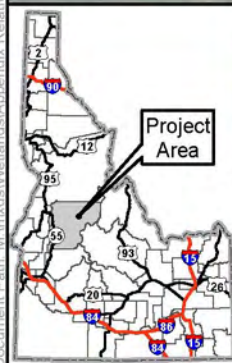
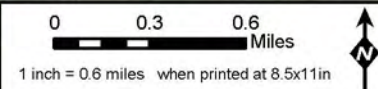


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

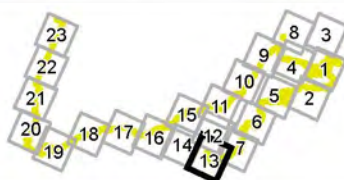


Appendix:
A2-Page 12
Map Date:
5/28/2020



Legend

- | | | | |
|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 3 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

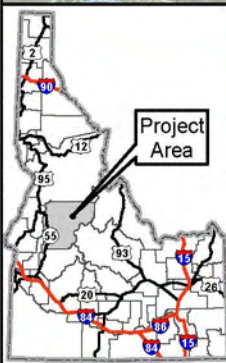


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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A2-Page 13
Map Date:
5/28/2020



Legend

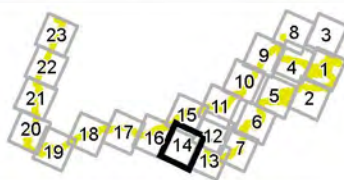
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- Alternative 3 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Open Water
- Emergent
- Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

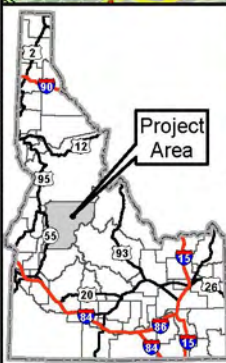
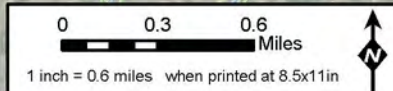
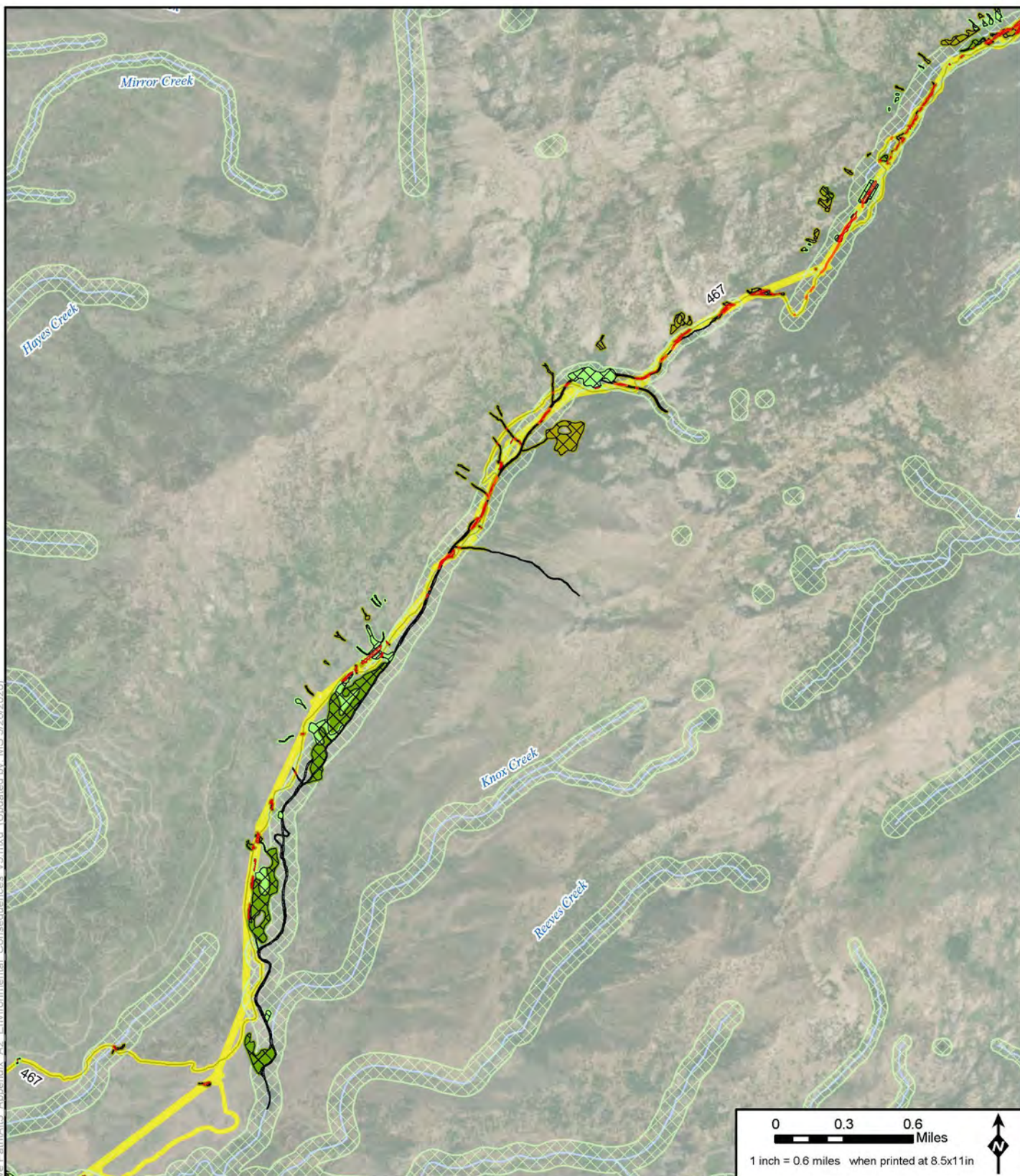


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



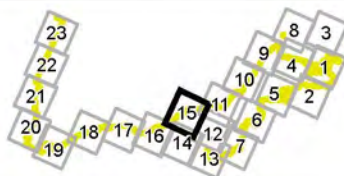
Appendix:
A2-Page 14
Map Date:
5/28/2020



Legend

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|--|---|--|--|

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page



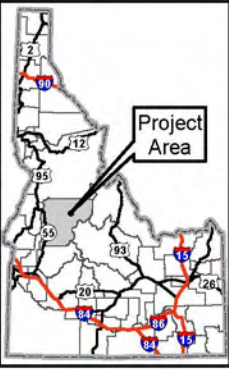
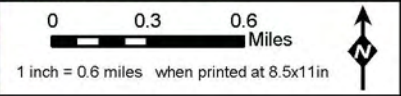
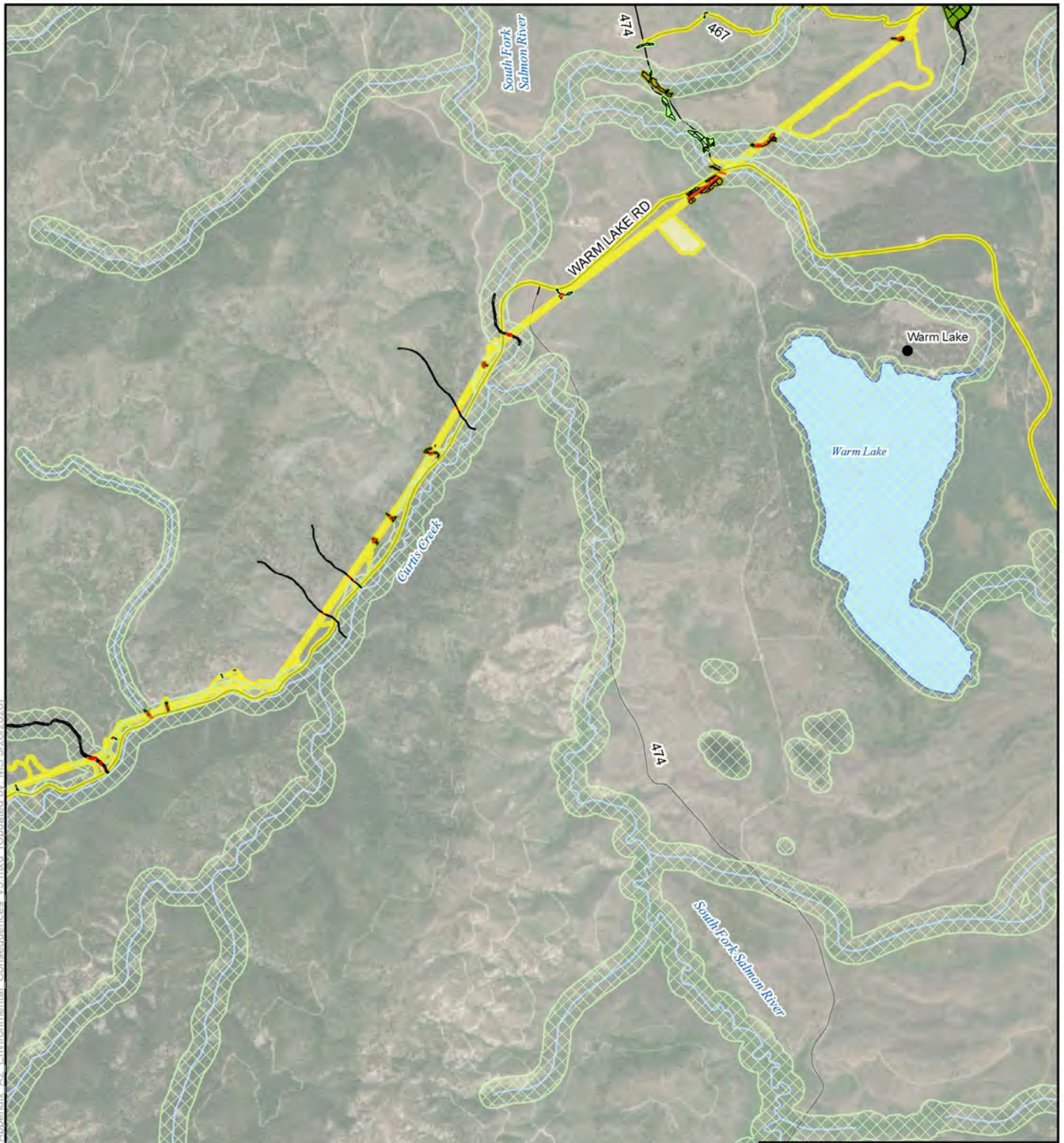
Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

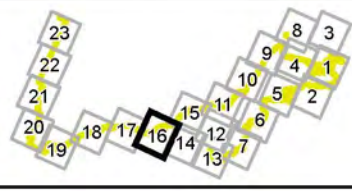


Appendix:
A2-Page 15
Map Date:
5/28/2020

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- Legend**
- | | | | |
|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 3 Project Disturbance Area | Wetland Type | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Access Road | |
| | Scrub-Shrub | Road | |
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

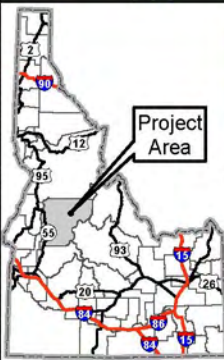


**Environmental Consequences
Alternative 3
Stibnite Gold Project
Stibnite, ID**

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

Appendix:
A2-Page 16
Map Date:
5/28/2020

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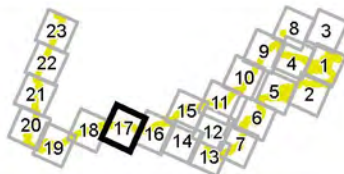
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- Alternative 3 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

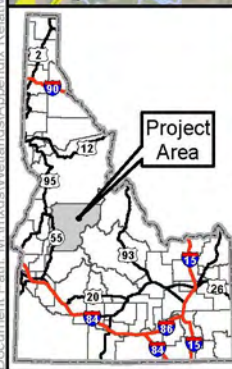
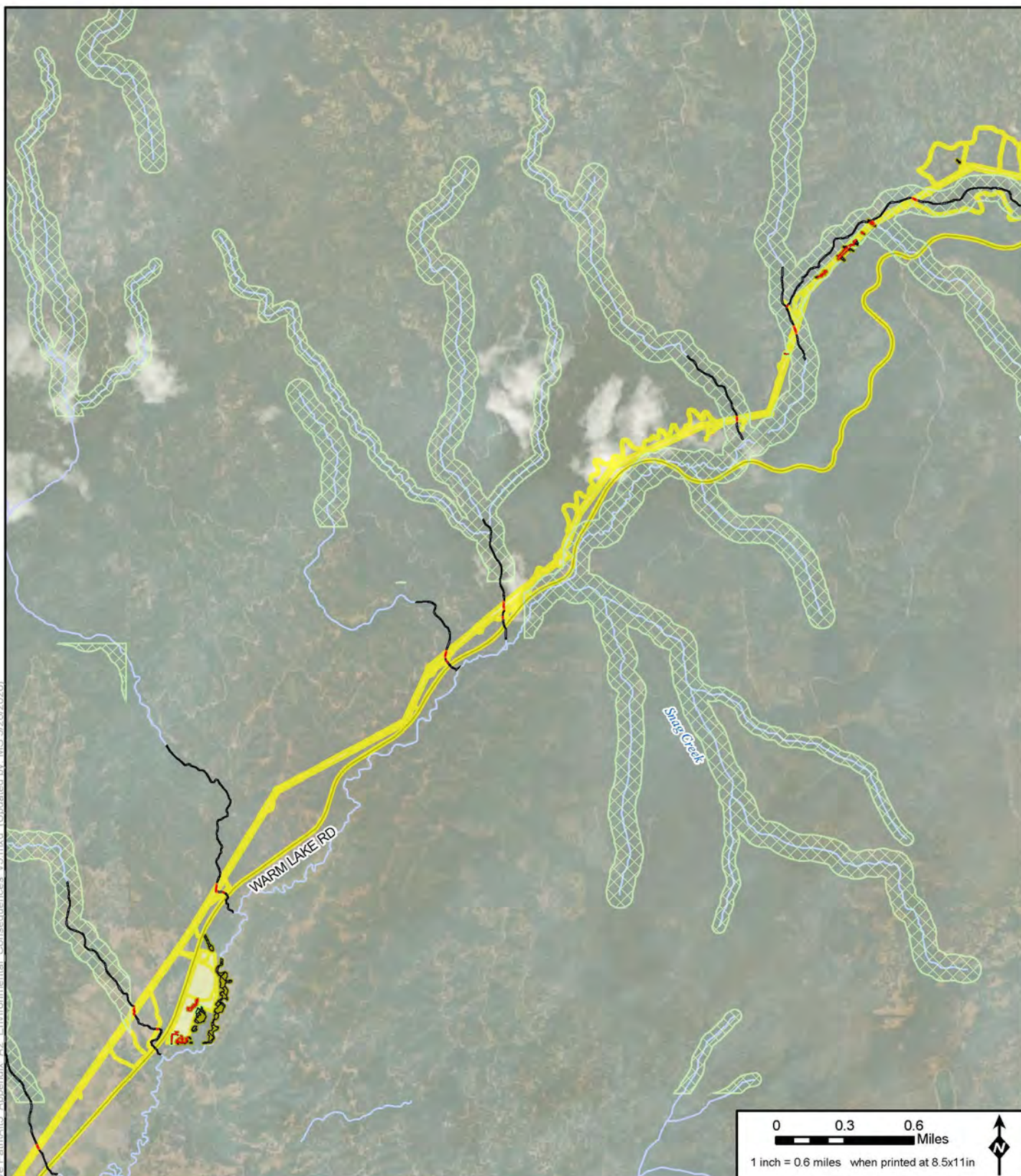


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

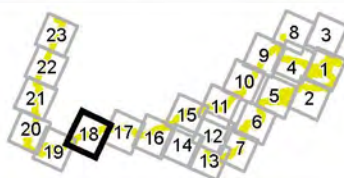
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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Map Date:
5/28/2020



- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 3 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Railroad
 - Highway
 - Access Road
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

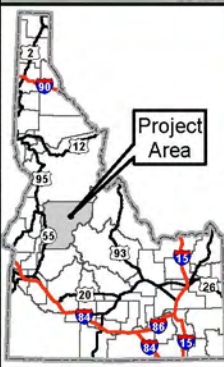
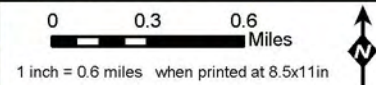
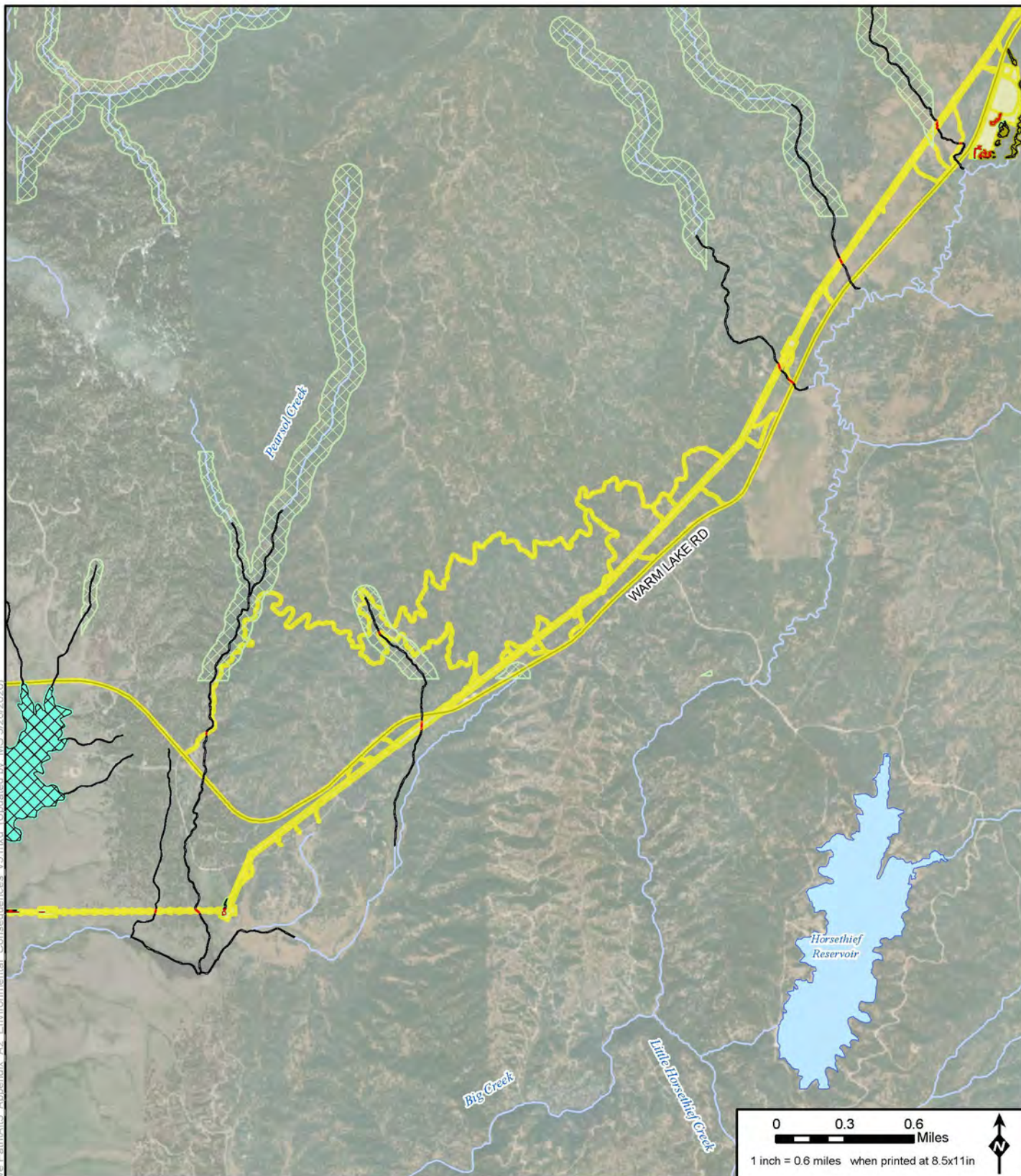


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

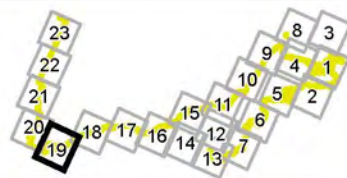


Appendix:
A2-Page 18
Map Date:
5/28/2020



Legend

- | | | | |
|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 3 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

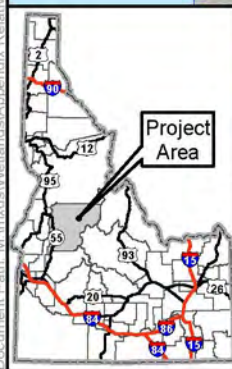
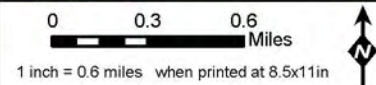
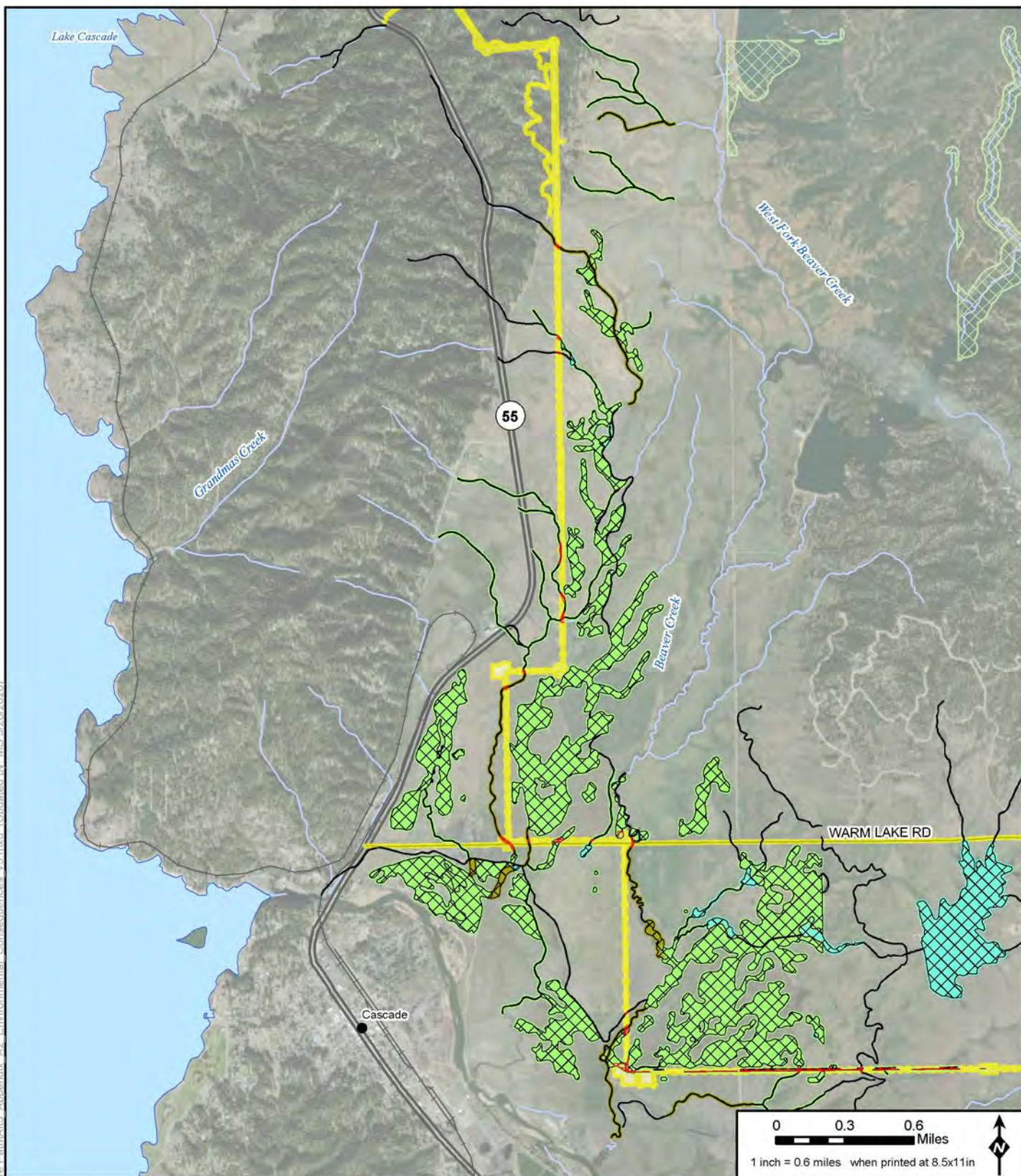


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

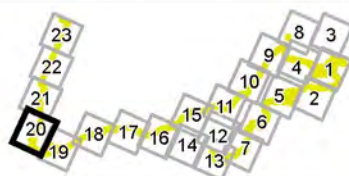
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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A2-Page 19
Map Date:
5/28/2020



- Legend**
- | | | | |
|--|---|--|--|
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|--|---|--|--|
- * Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

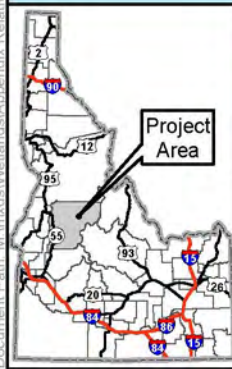
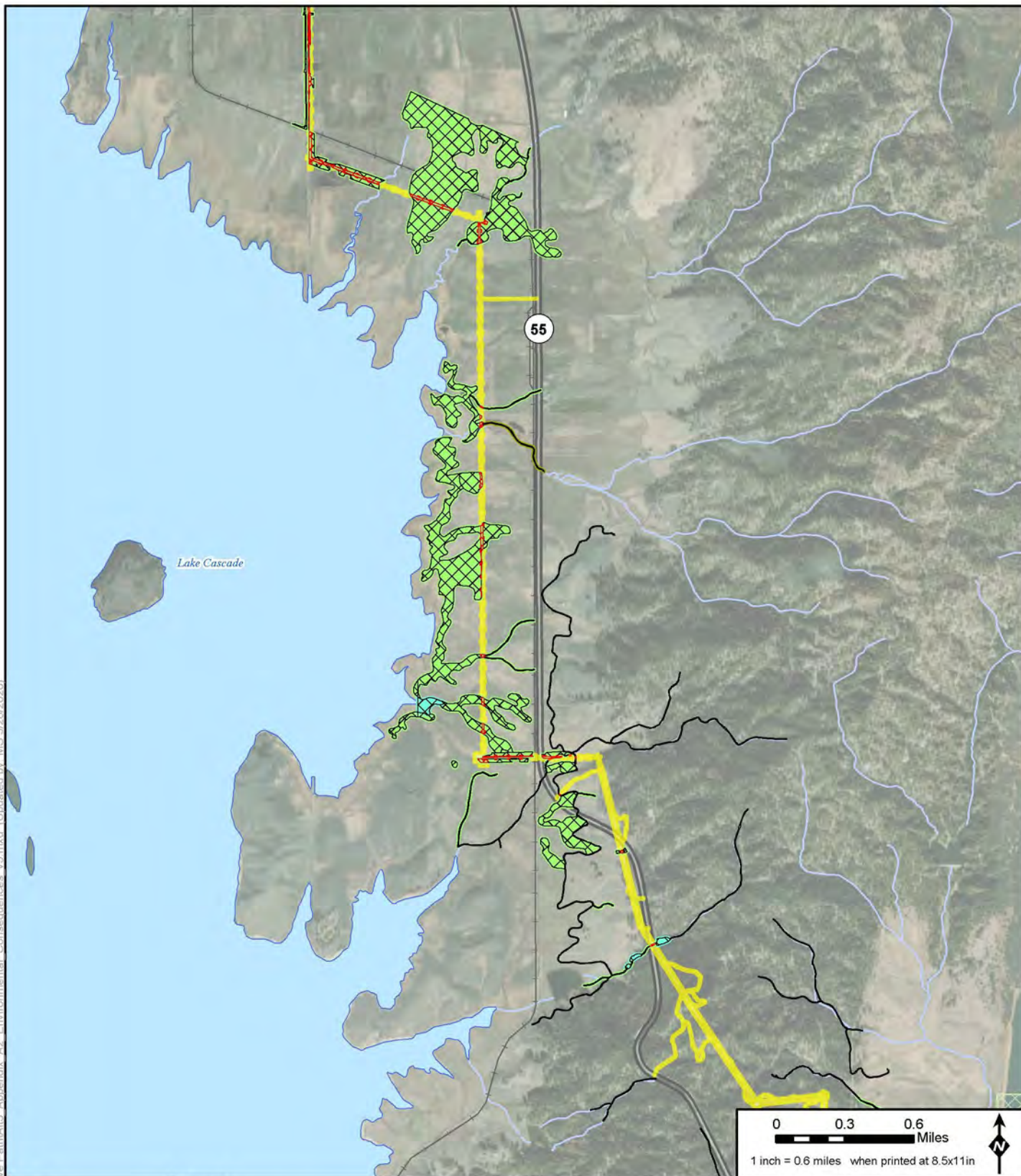


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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A2-Page 20
Map Date:
5/28/2020



Legend

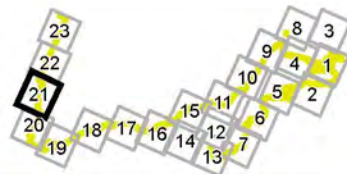
- Wetland Analysis Area at Mine Site
- Alternative 3 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

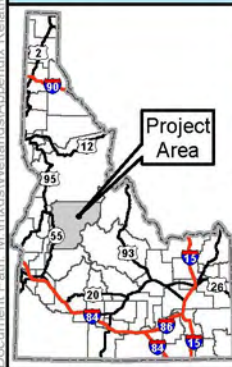
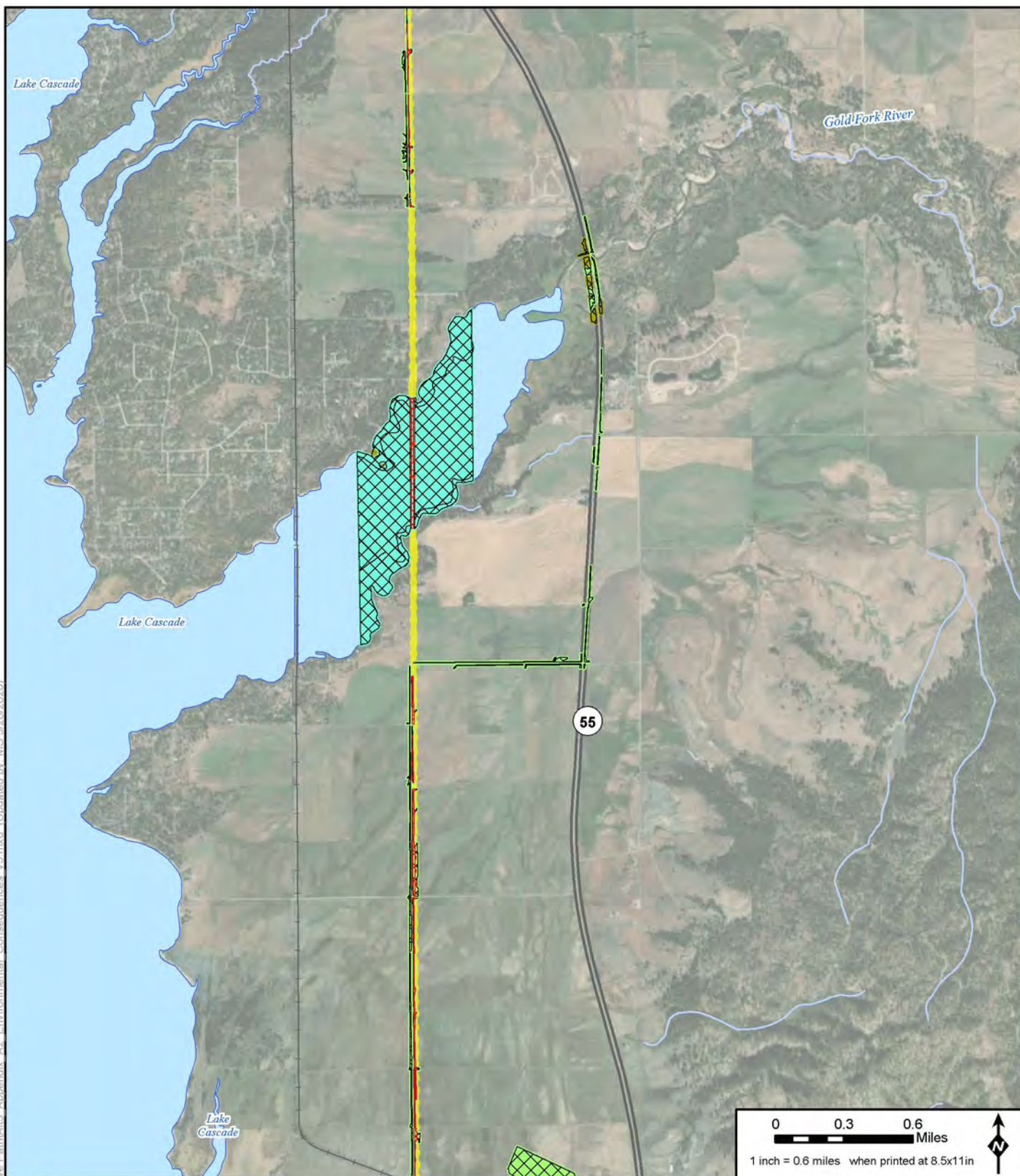


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



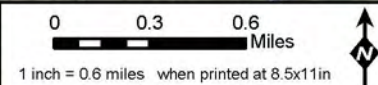
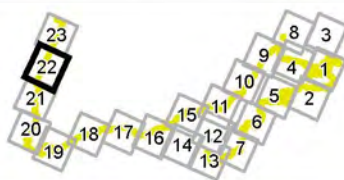
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Map Date:
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* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page

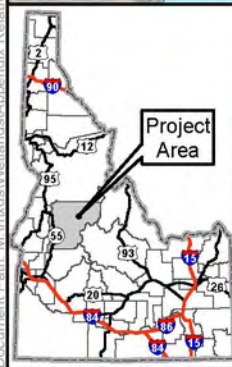
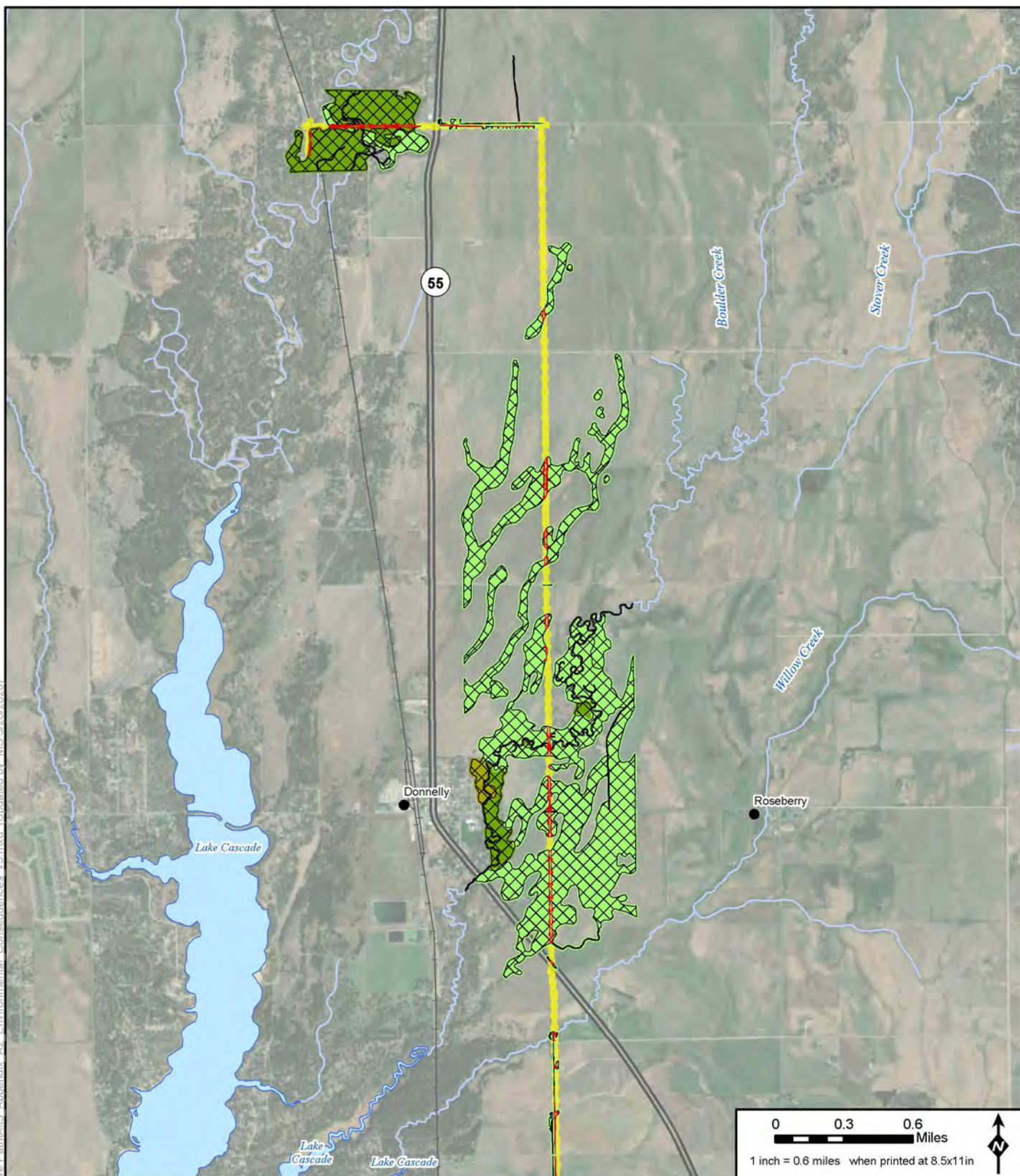


Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



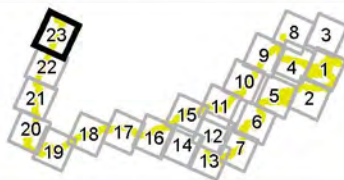
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5/28/2020



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* Project Components are associated with Alternative 3
Note: Not all features are visible on this map page



Environmental Consequences Alternative 3 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



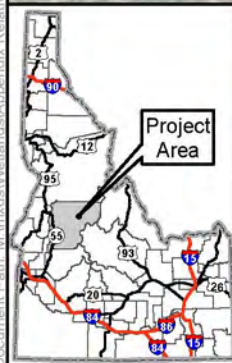
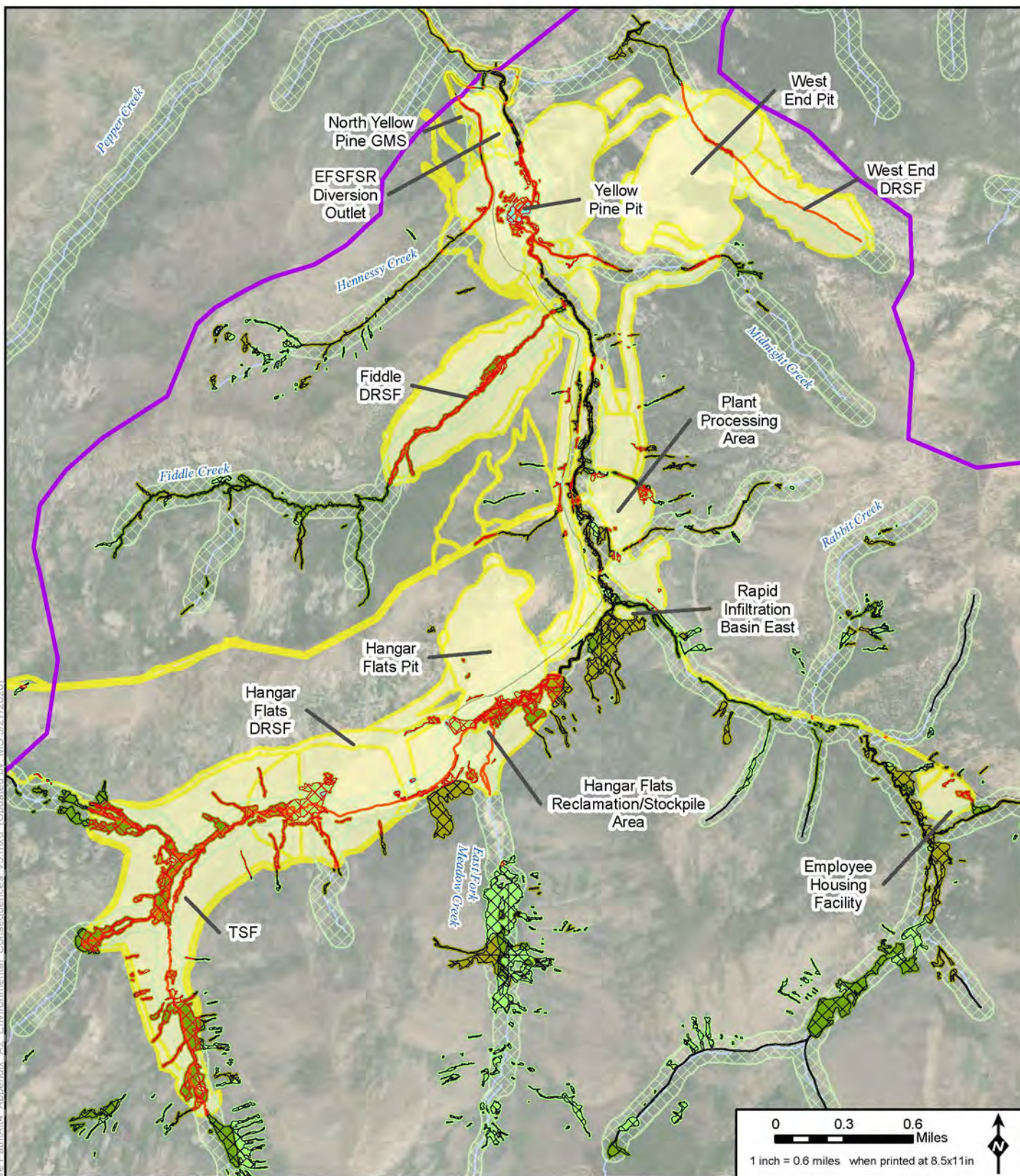
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**Appendix I-5: Impacts to Wetlands and Riparian Resources in the
Analysis Area, Alternative 4**

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- Legend**
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| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 4 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 4
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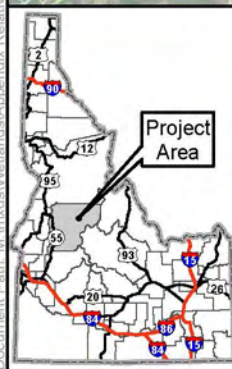
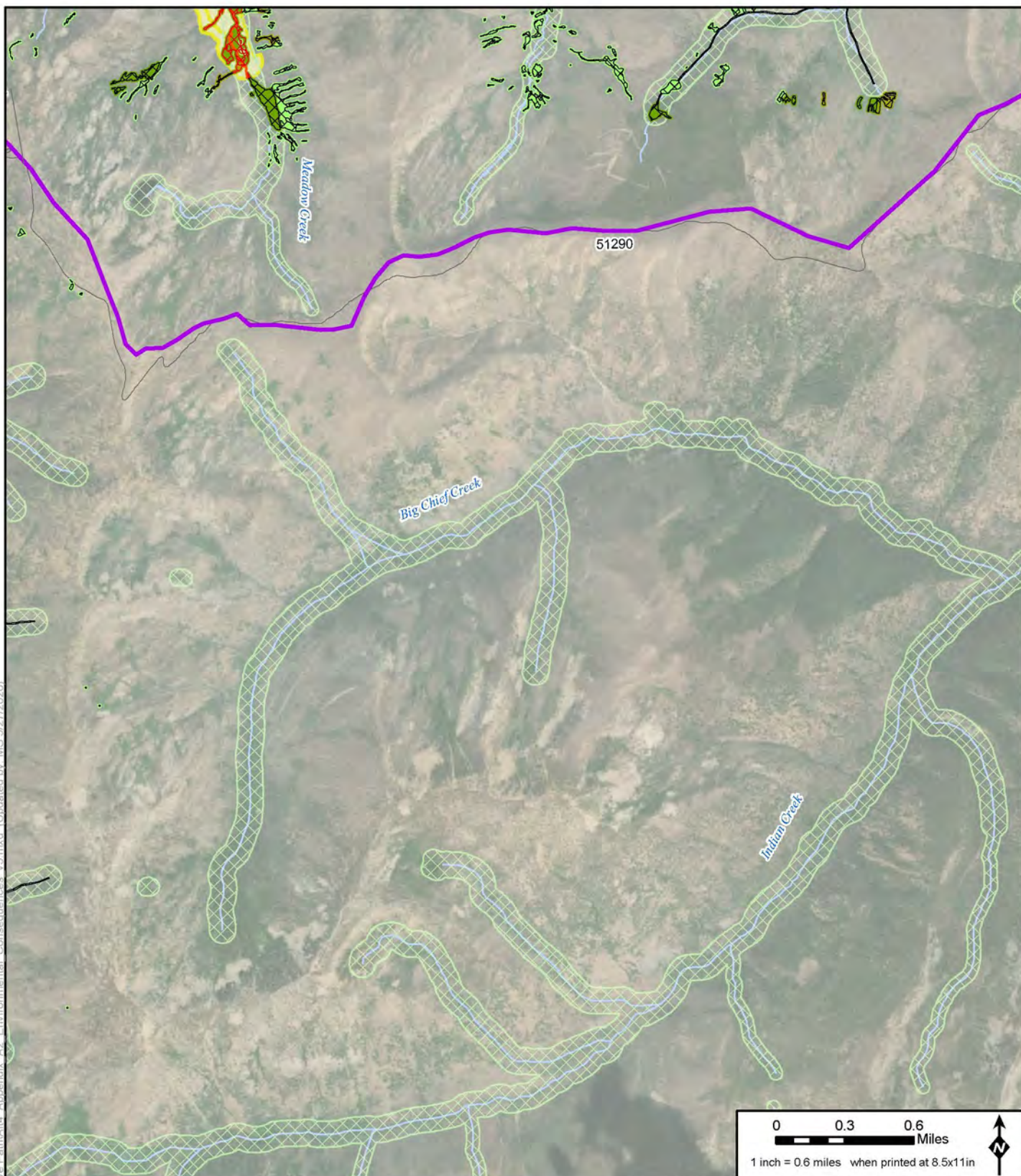


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

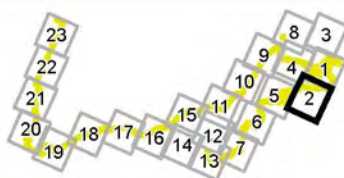
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 4 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Railroad
 - Highway
 - Access Road
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

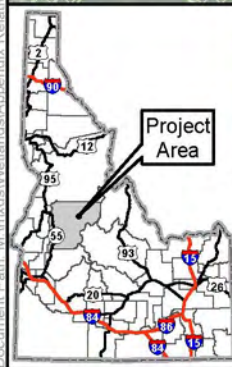


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



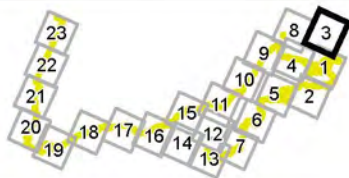
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5/28/2020



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|--|---|--|--|

* Project Components are associated with Alternative 4
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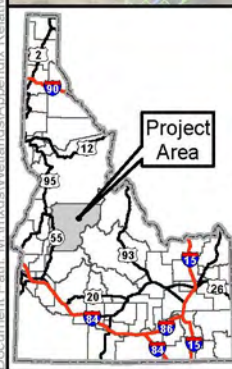
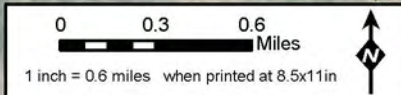
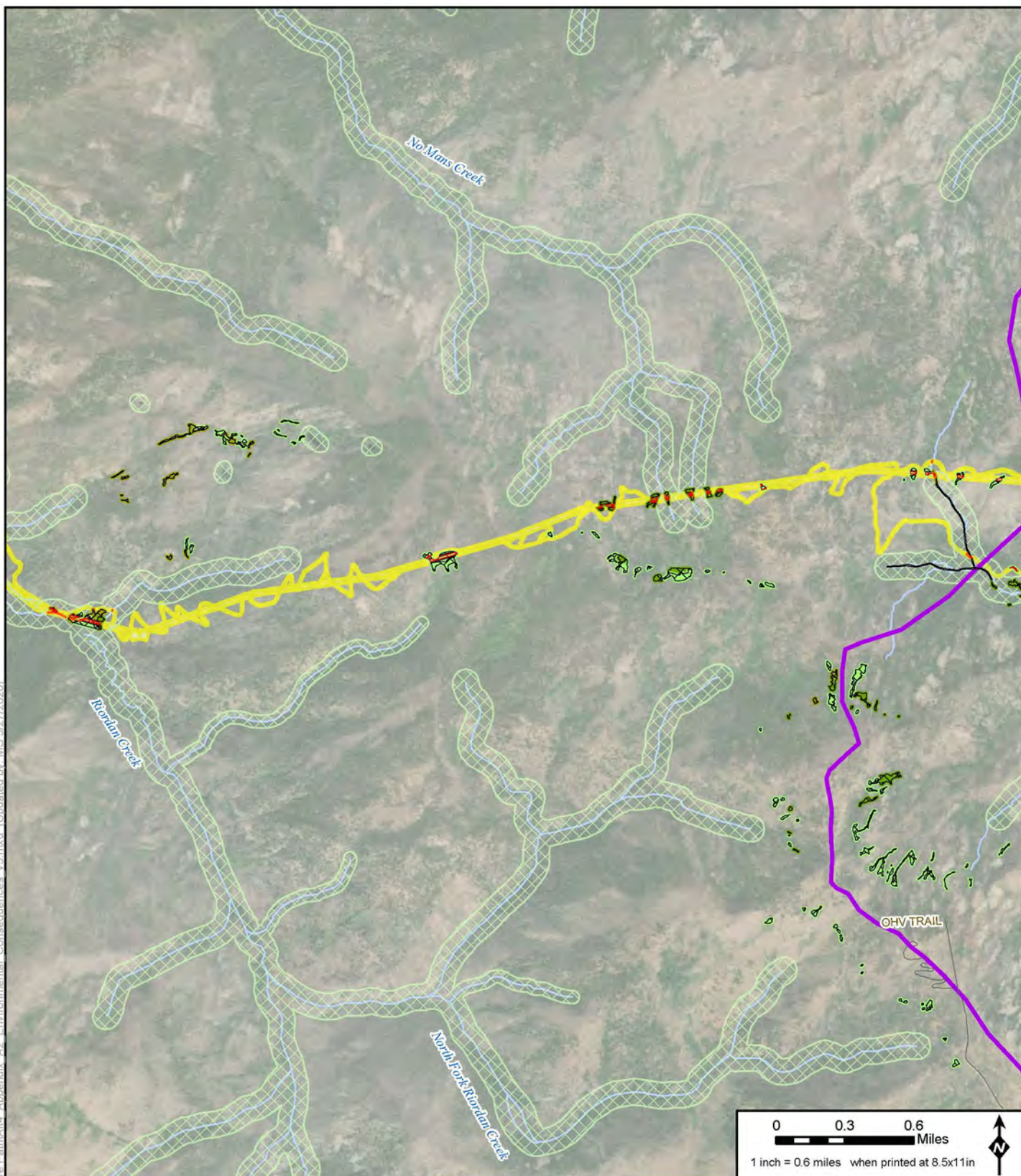


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

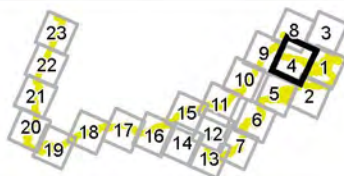
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 4 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Railroad
 - Highway
 - Access Road
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

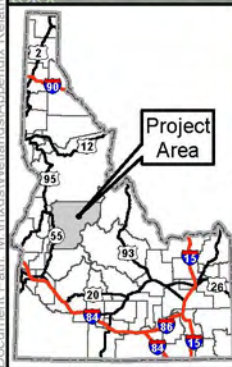
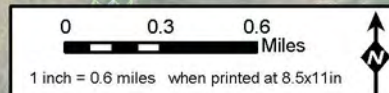
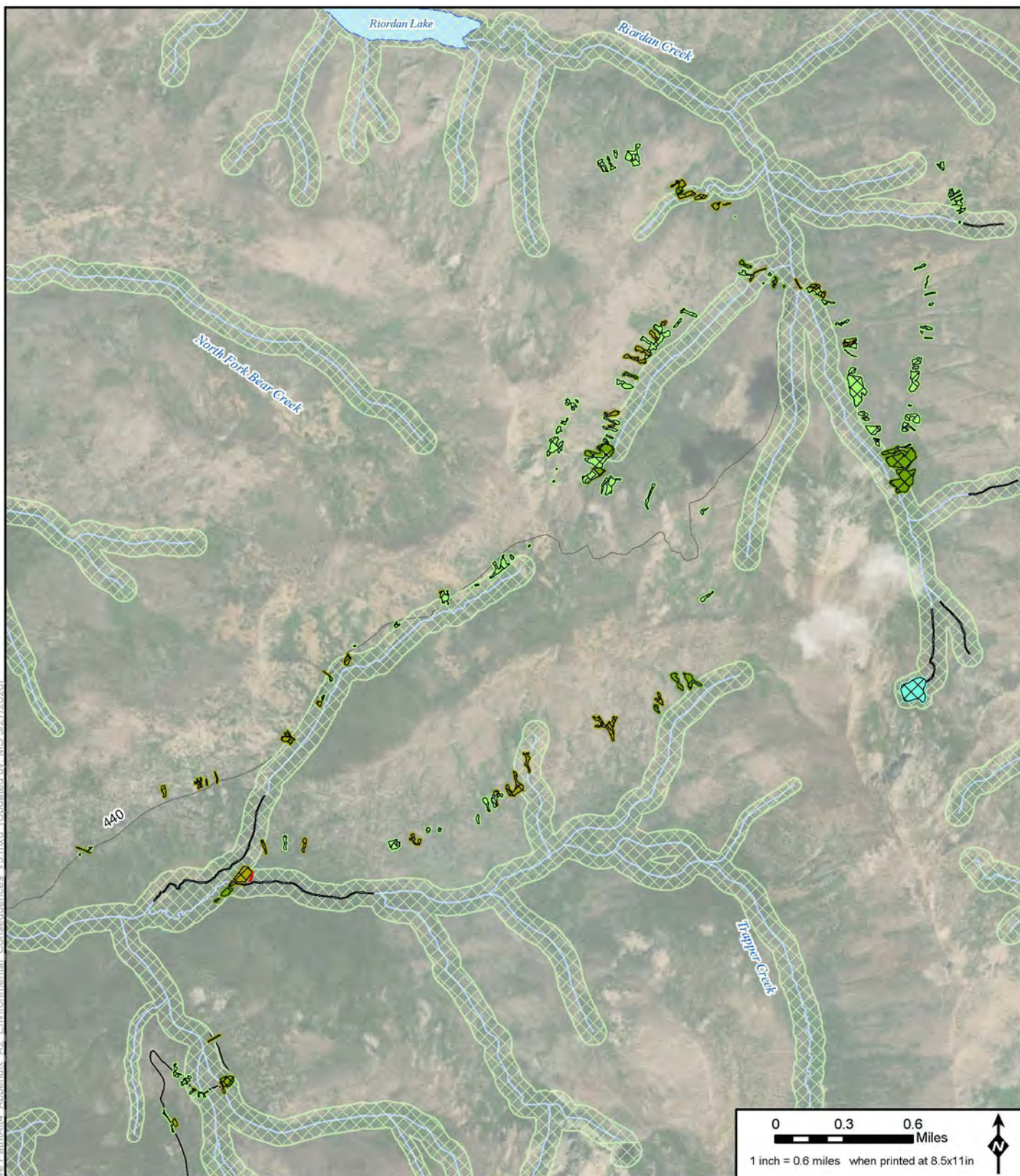


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Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



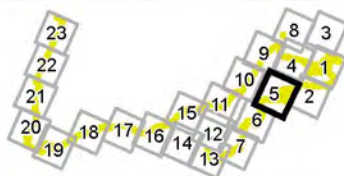
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|--|----------------------------|-------------|----------------|
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| Alternative 4 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |

* Project Components are associated with Alternative 4
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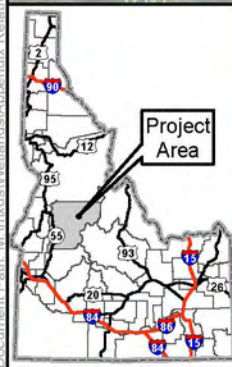


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 4 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

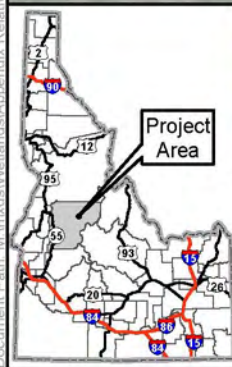
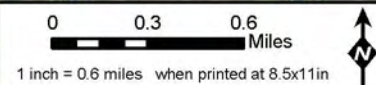
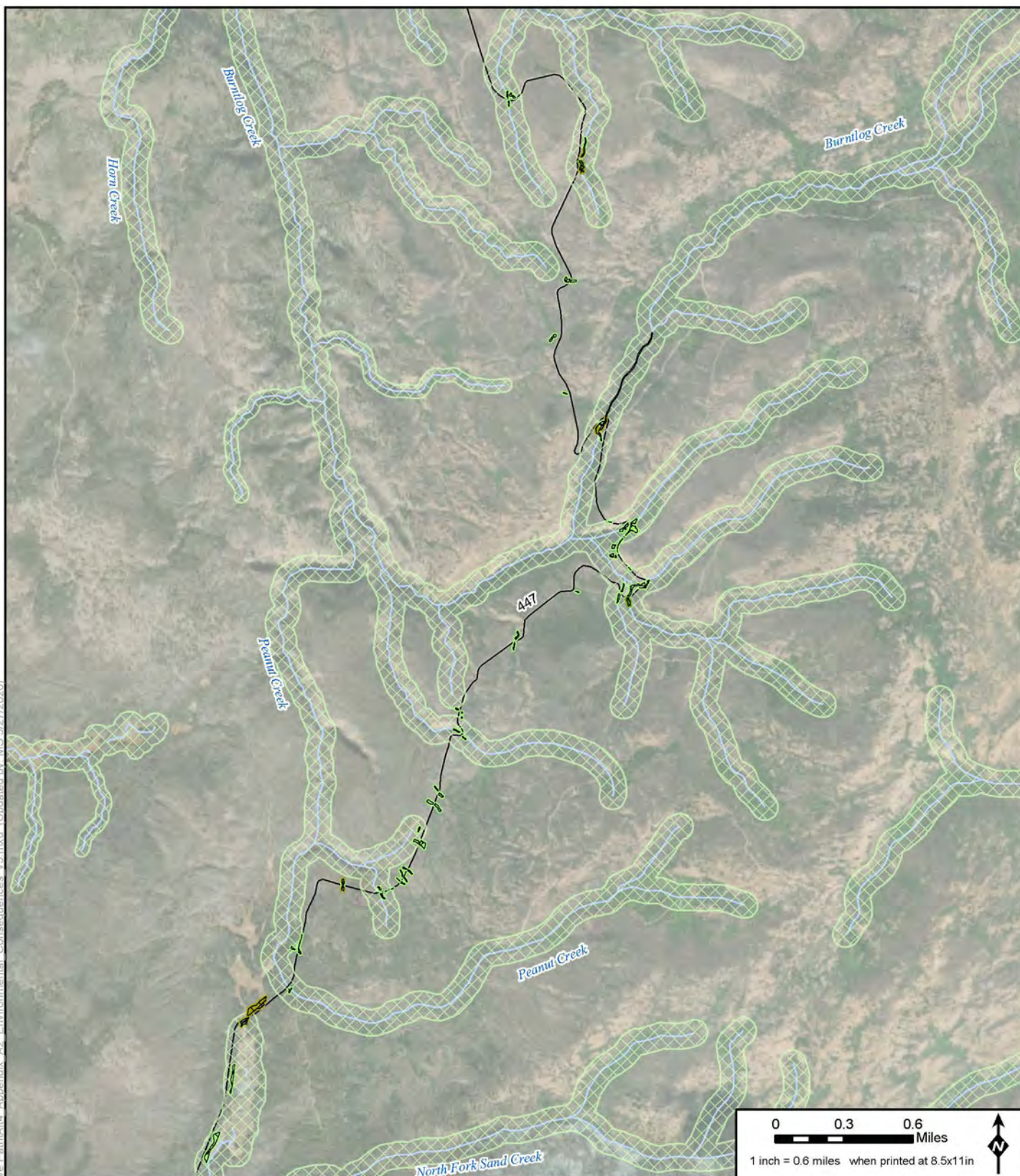


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
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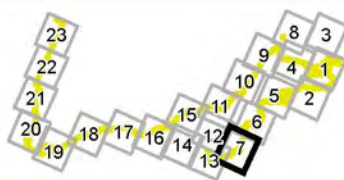
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A2-Page 6
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5/28/2020



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| Alternative 4 Project Disturbance Area | Wetland Type | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Access Road | |
| | Scrub-Shrub | Road | |

* Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

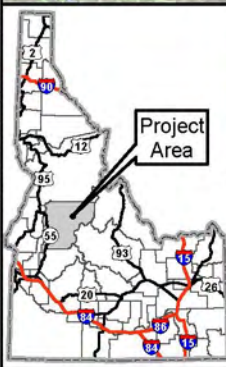
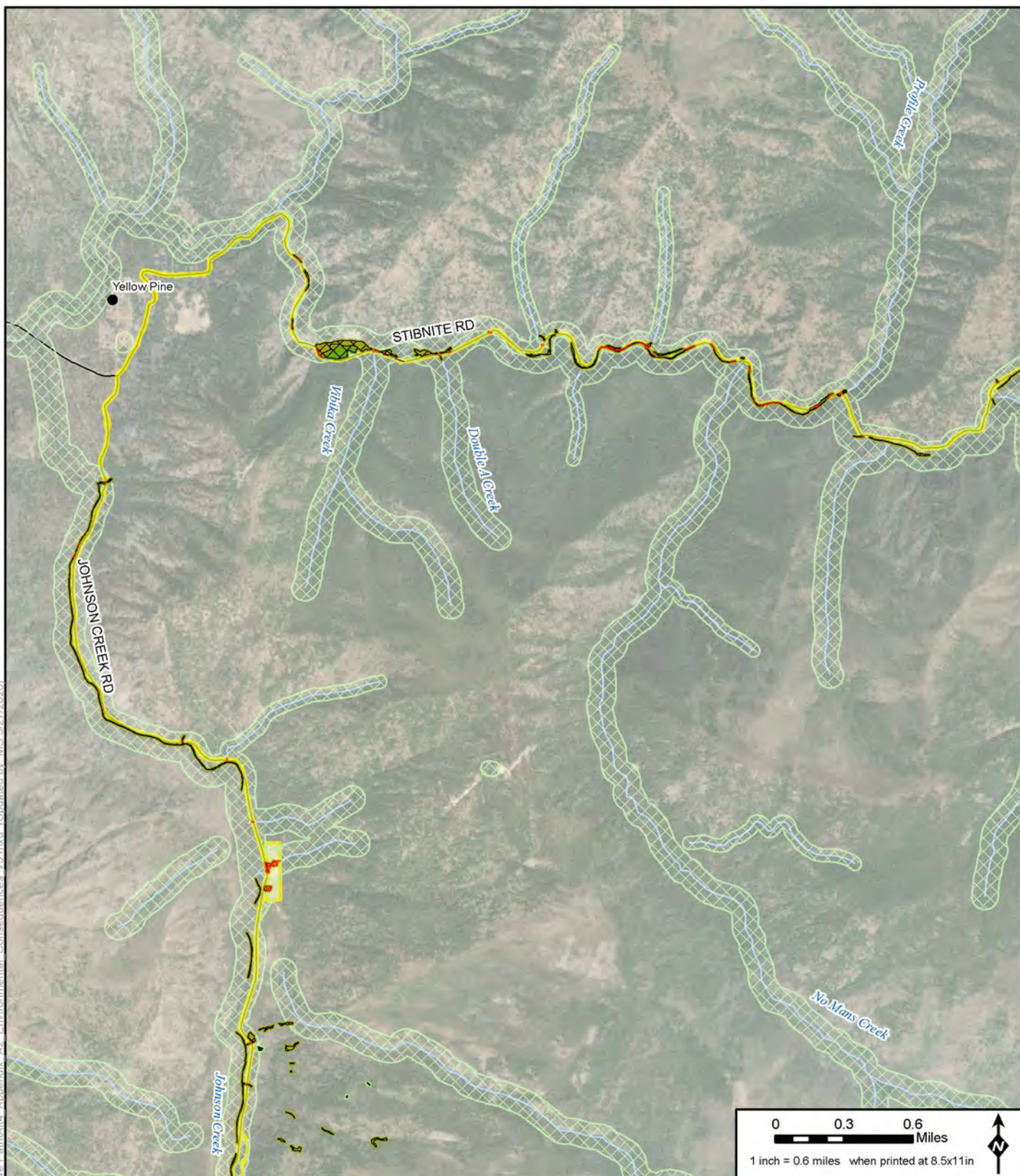


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



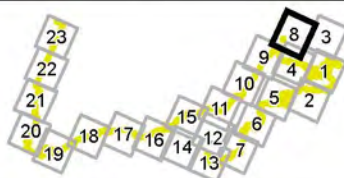
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* Project Components are associated with Alternative 4
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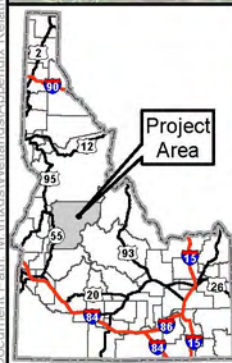
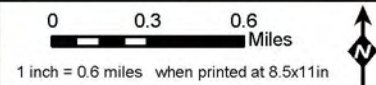
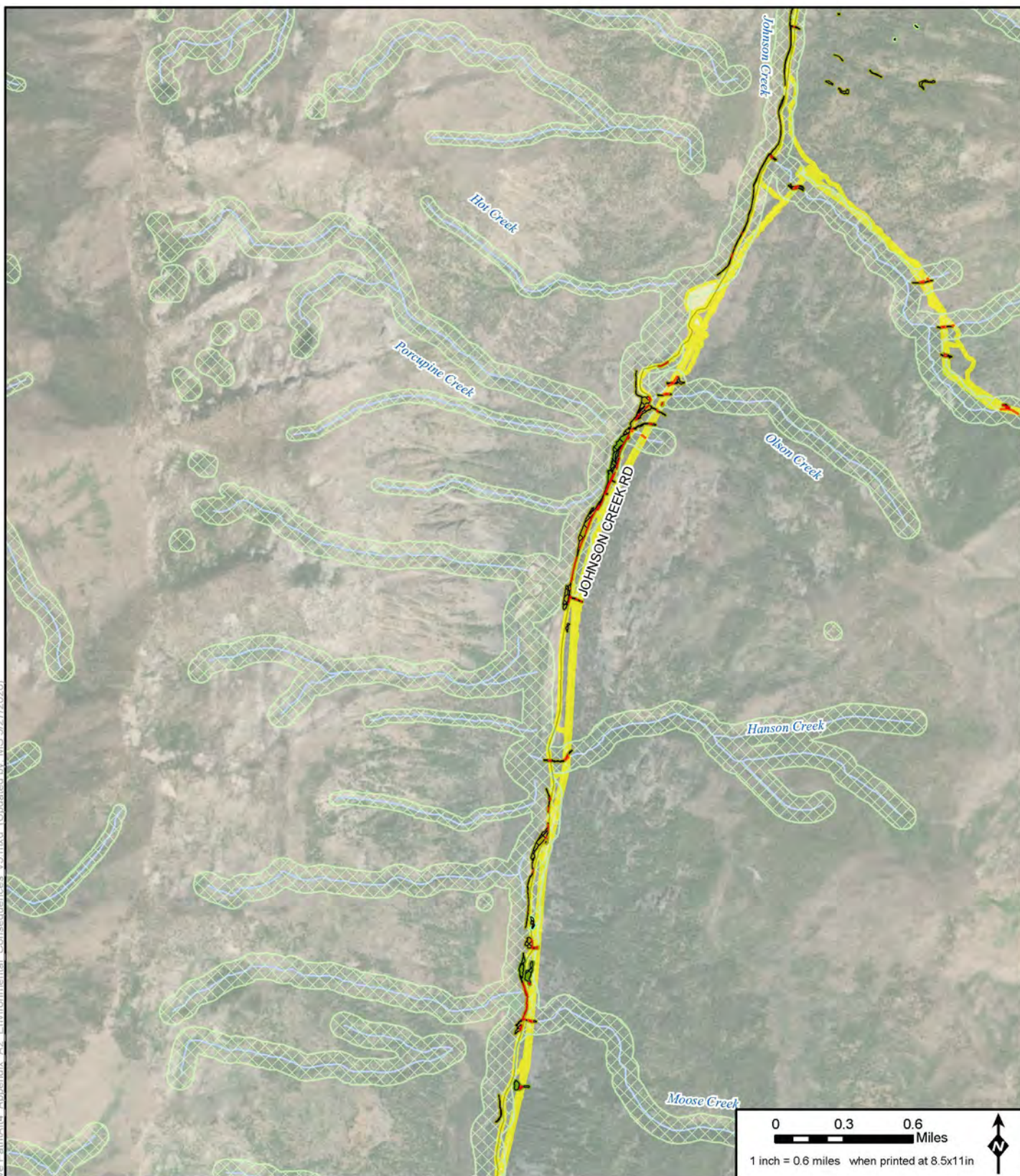


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



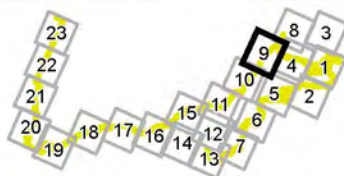
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* Project Components are associated with Alternative 4
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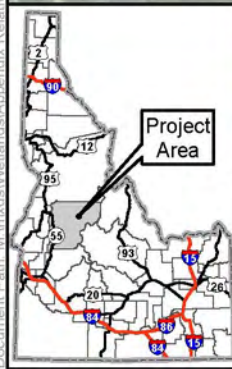
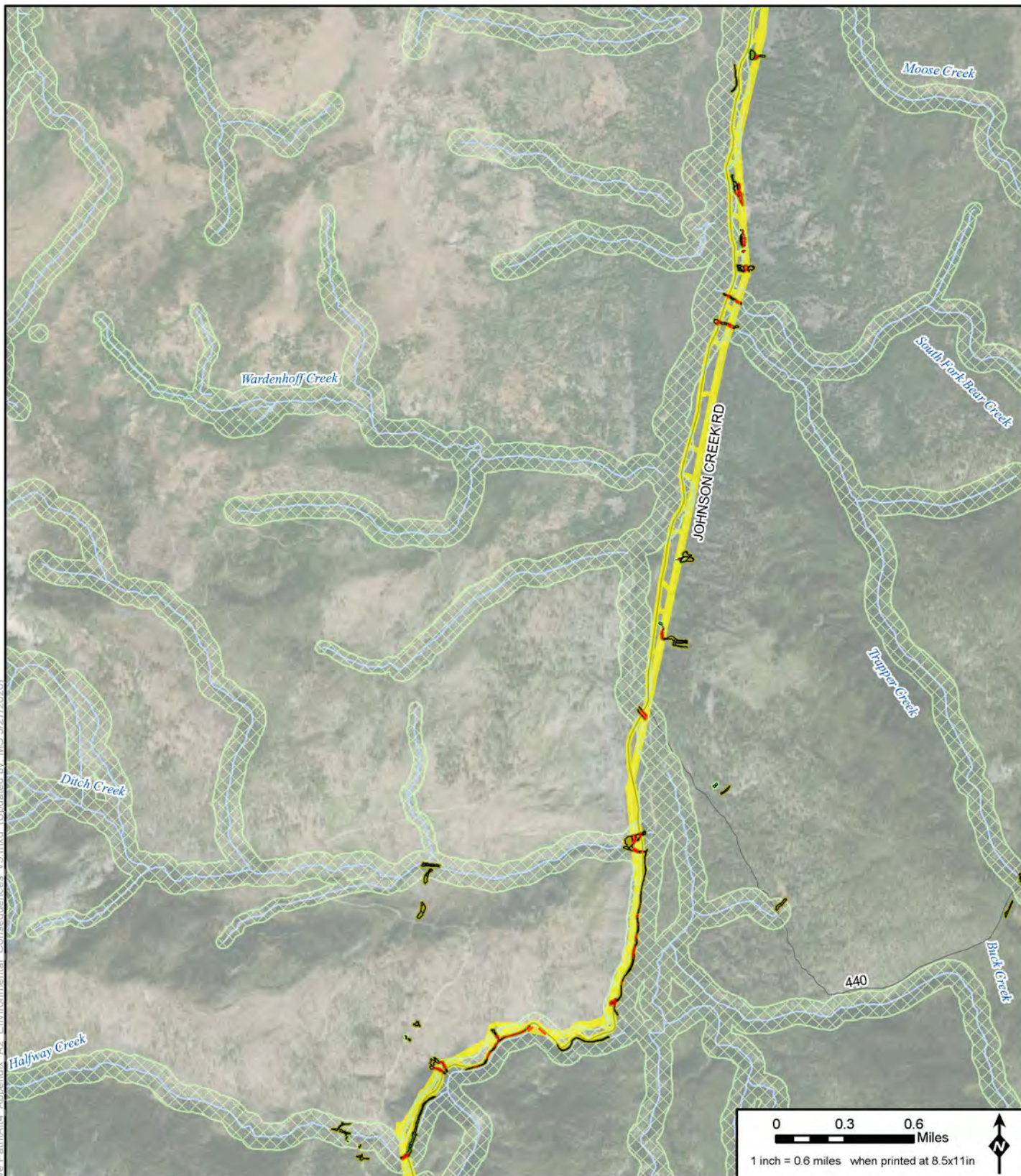


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

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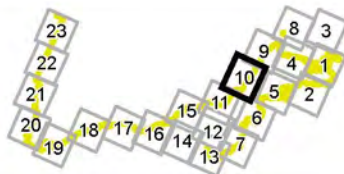
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- Alternative 4 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

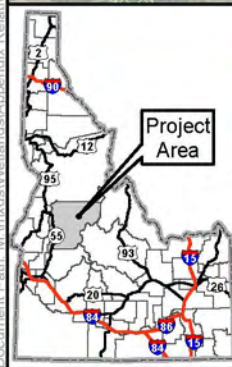
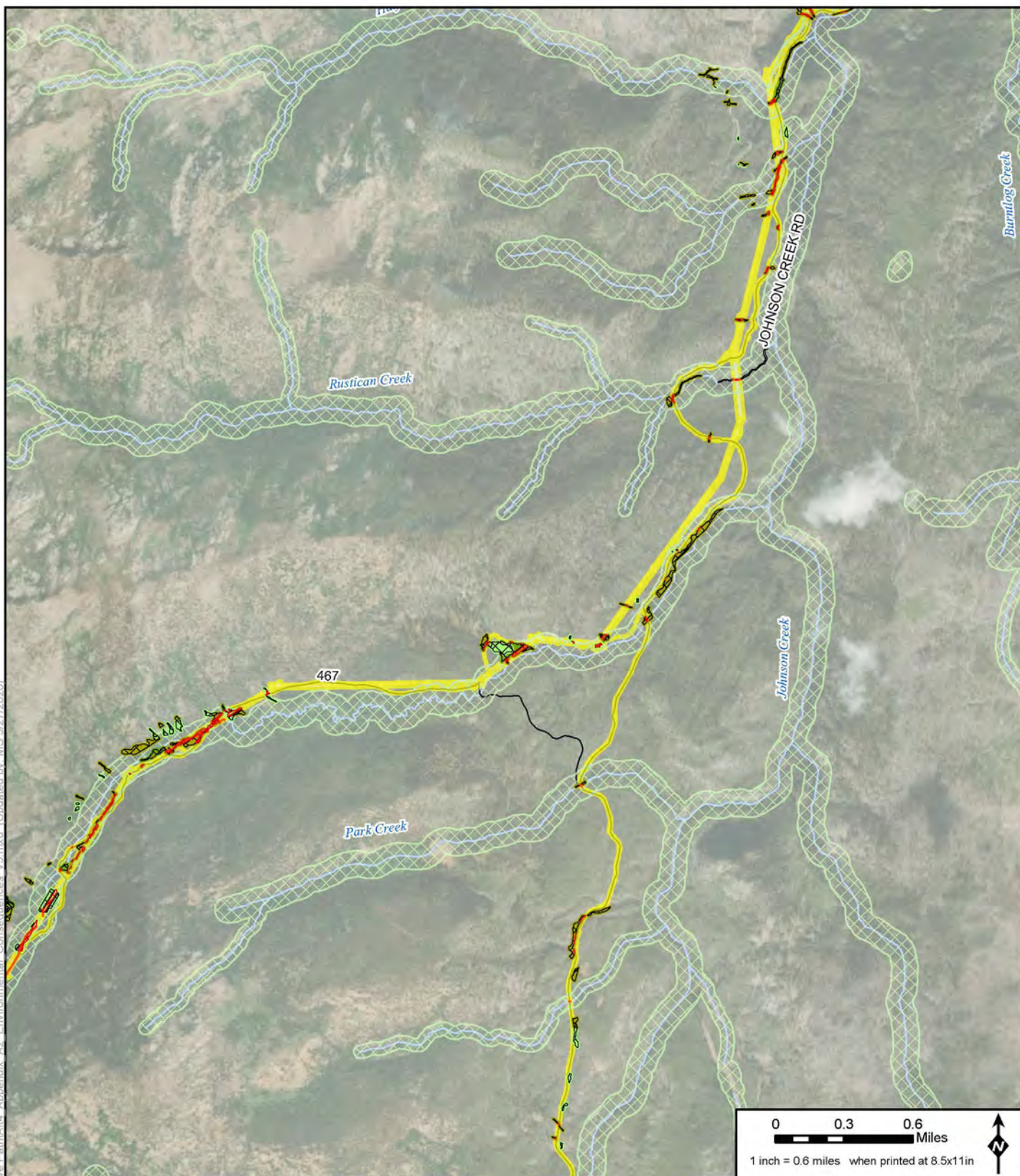


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

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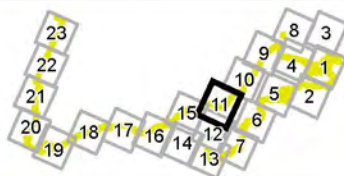
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- Alternative 4 Project Disturbance Area
- Impacted Wetland/Stream
- Avoided Wetland

- Riparian Conservation Area
- Open Water
- Emergent
- Scrub-Shrub

- Forested
- Railroad
- Highway
- Access Road
- Road

- Stream/River
- Lake/Reservoir

* Project Components are associated with Alternative 4
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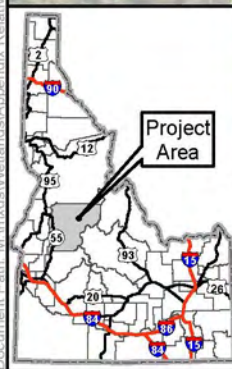
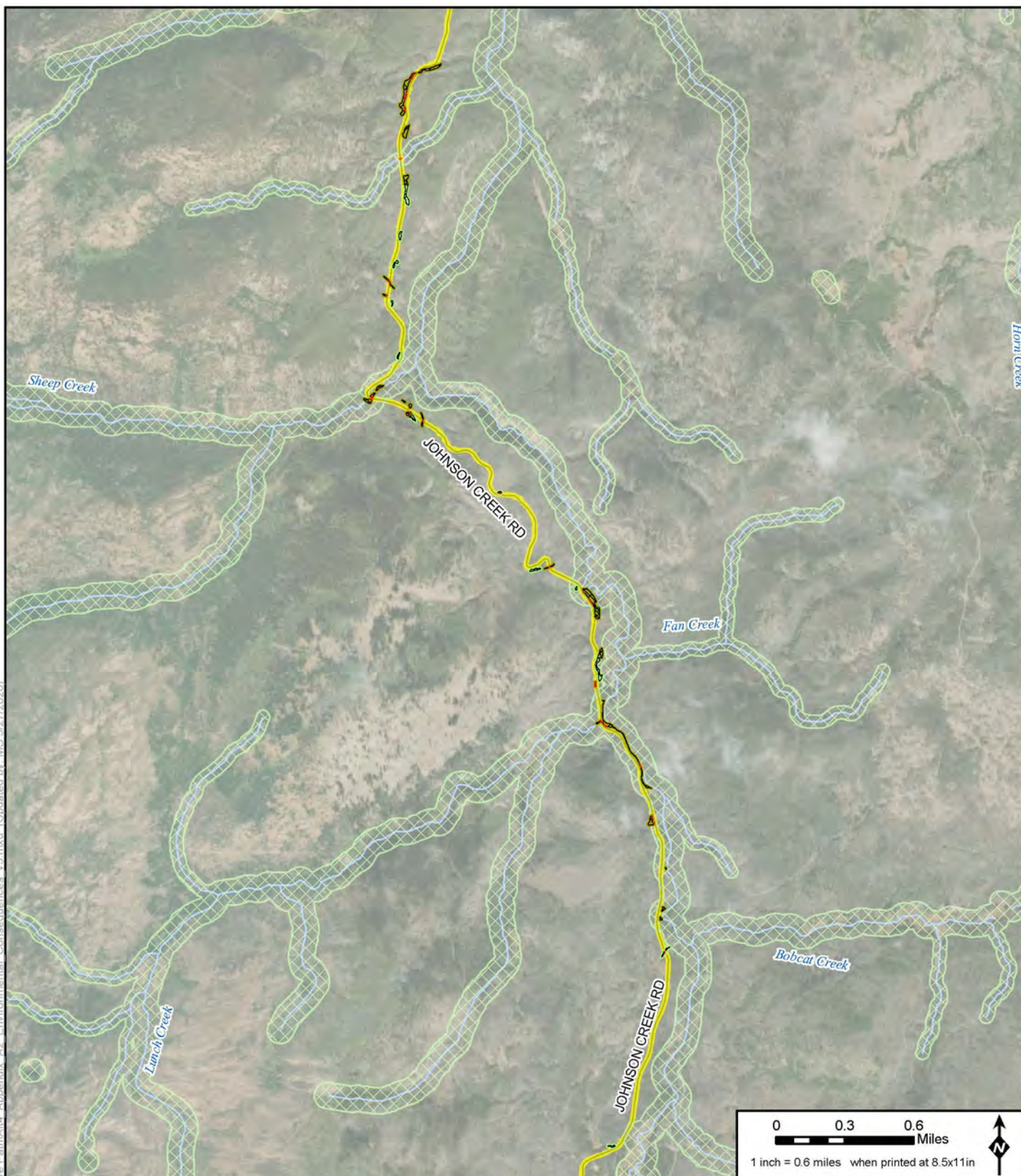


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

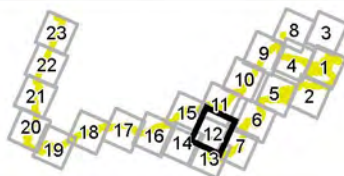
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
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|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 4 Project Disturbance Area | Wetland Type | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Open Water | Highway | |
| Avoided Wetland | Emergent | Access Road | |
| | Scrub-Shrub | Road | |
- * Project Components are associated with Alternative 4
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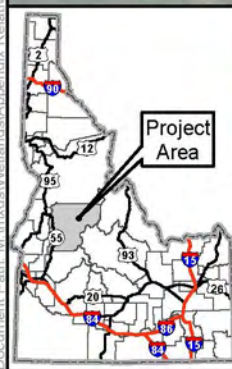


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

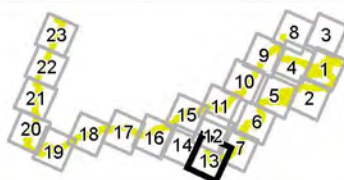
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 4 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Railroad
 - Highway
 - Access Road
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

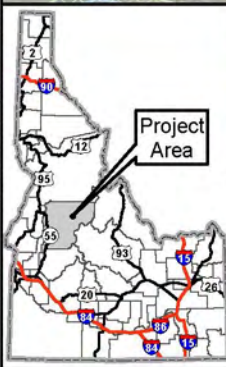


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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

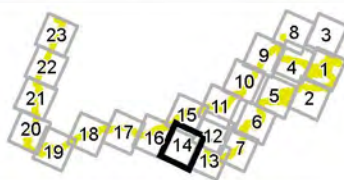


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Legend

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|--|----------------------------|-------------|----------------|
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| Alternative 4 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

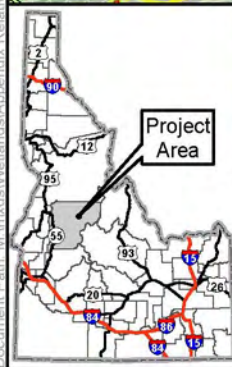
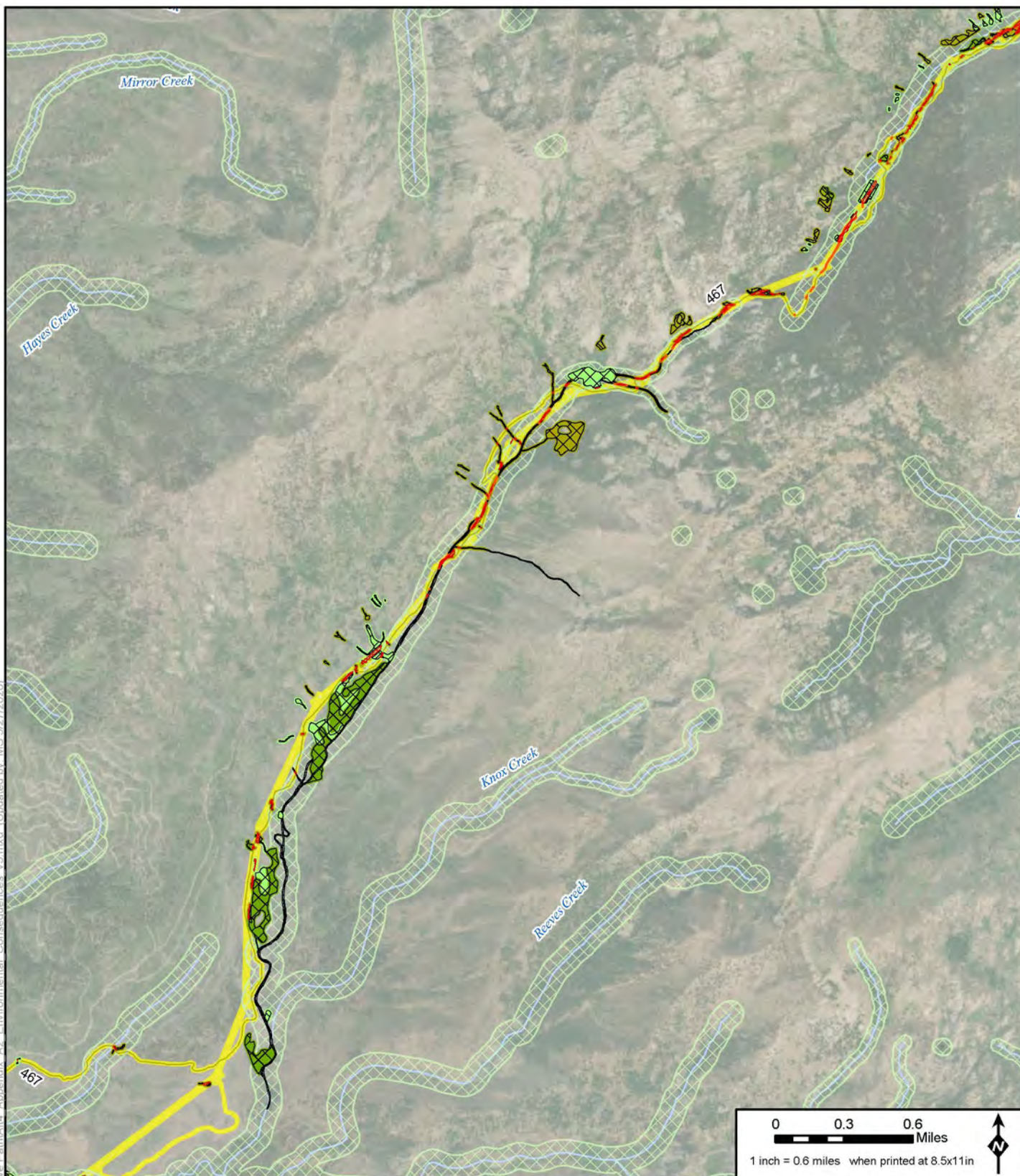


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

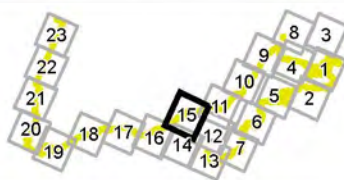
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 4 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type**
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Railroad
 - Highway
 - Access Road
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page



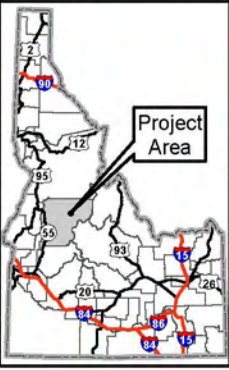
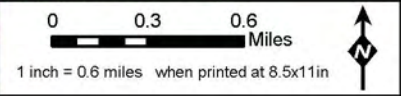
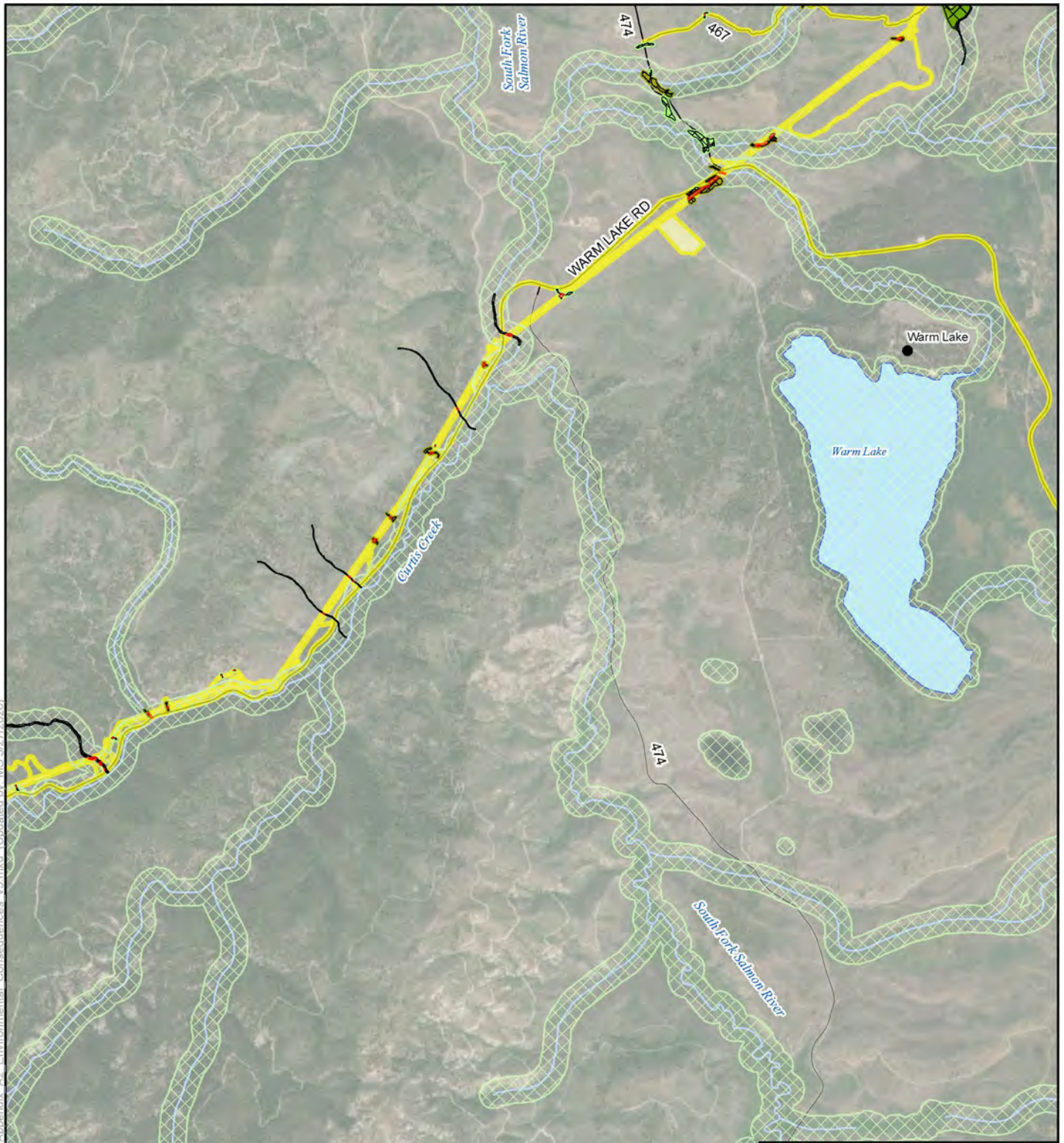
Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



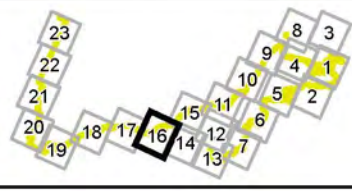
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Legend	
Wetland Analysis Area at Mine Site	Riparian Conservation Area
Alternative 4 Project Disturbance Area	Stream/River
Impacted Wetland/Stream	Lake/Reservoir
Avoided Wetland	Forested
Open Water	Railroad
Emergent	Highway
Scrub-Shrub	Access Road
	Road

* Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

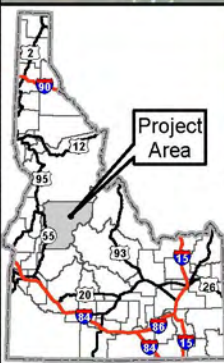
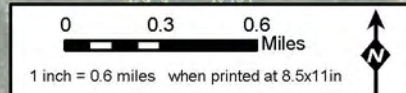


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

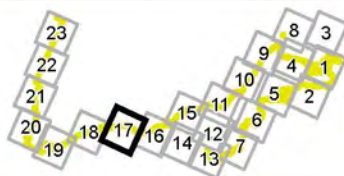
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Legend

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|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 4 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 4
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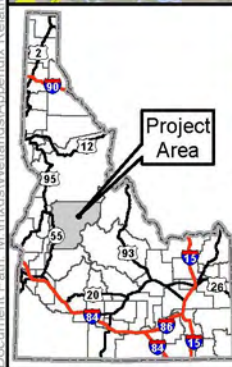
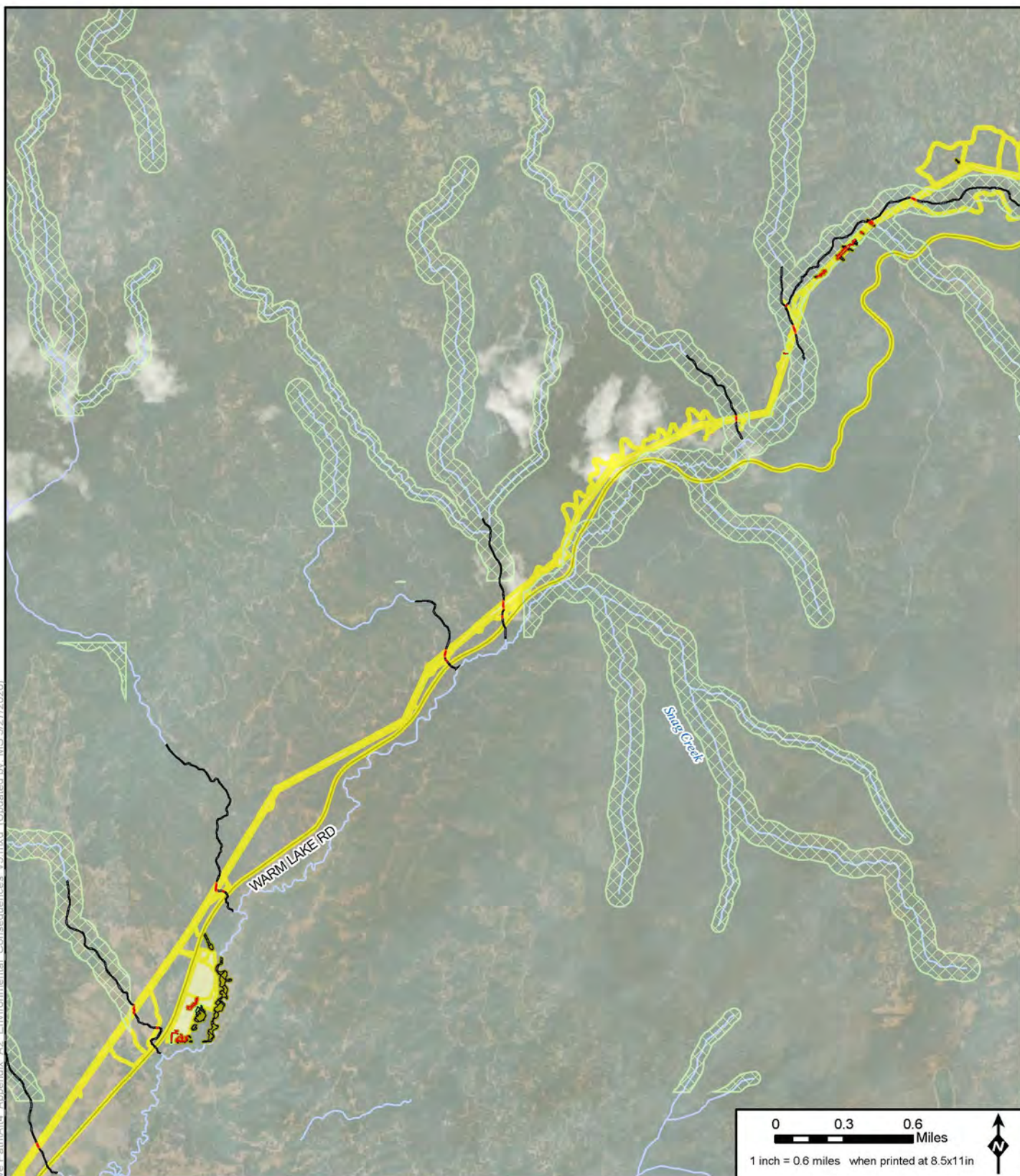


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

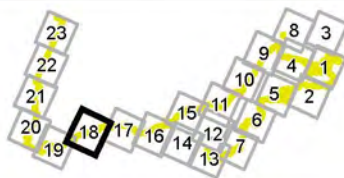
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
- Wetland Analysis Area at Mine Site
 - Alternative 4 Project Disturbance Area
 - Impacted Wetland/Stream
 - Avoided Wetland
 - Riparian Conservation Area
 - Wetland Type
 - Open Water
 - Emergent
 - Scrub-Shrub
 - Forested
 - Railroad
 - Highway
 - Access Road
 - Road
 - Stream/River
 - Lake/Reservoir
- * Project Components are associated with Alternative 4
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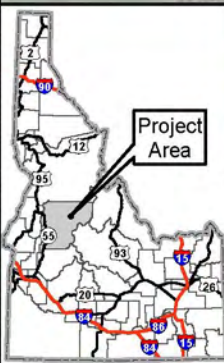
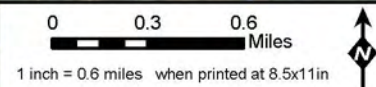
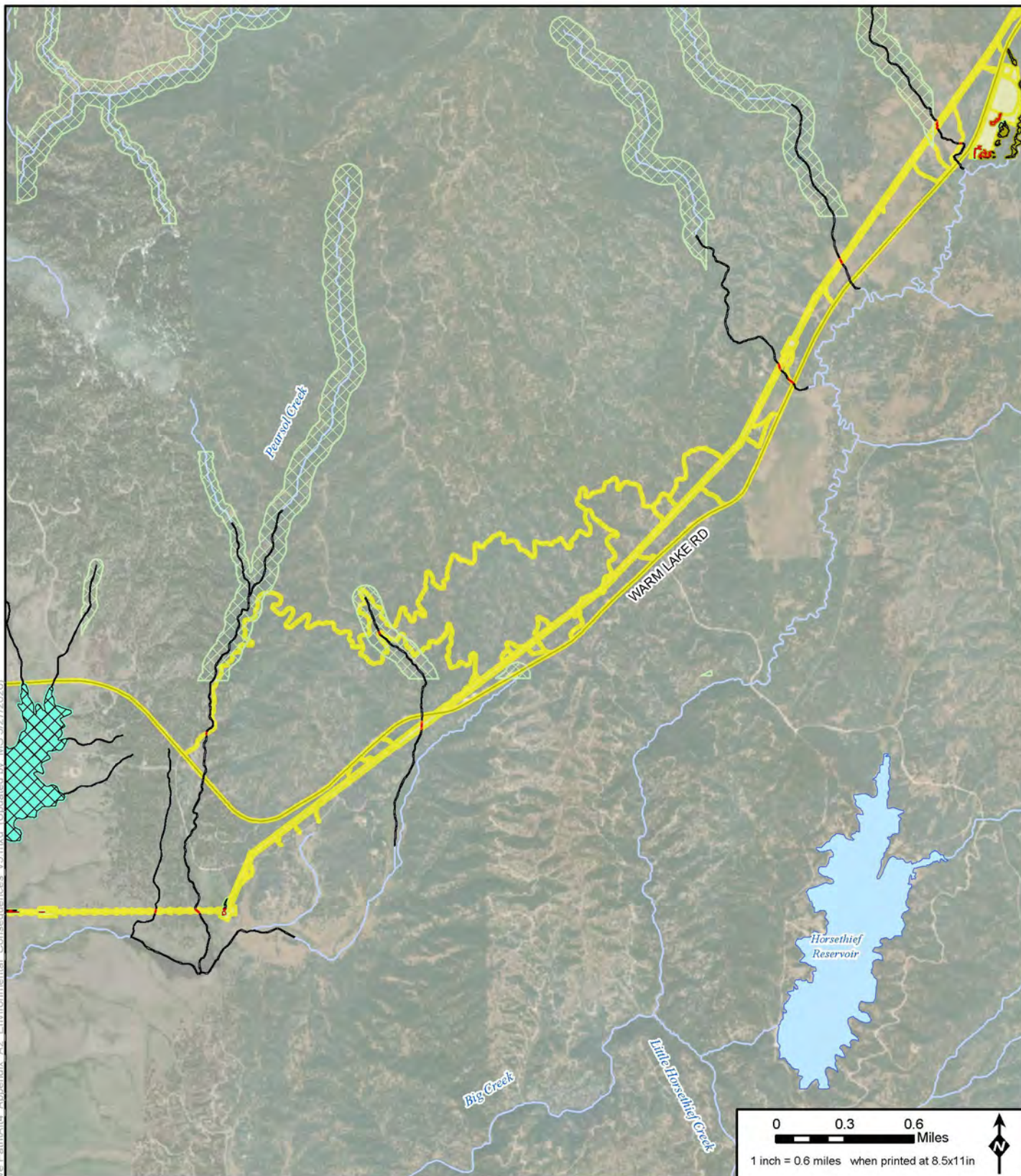


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

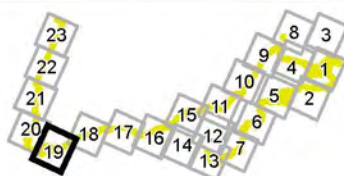


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Legend

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|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 4 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

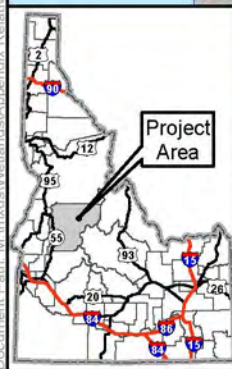
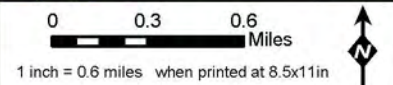
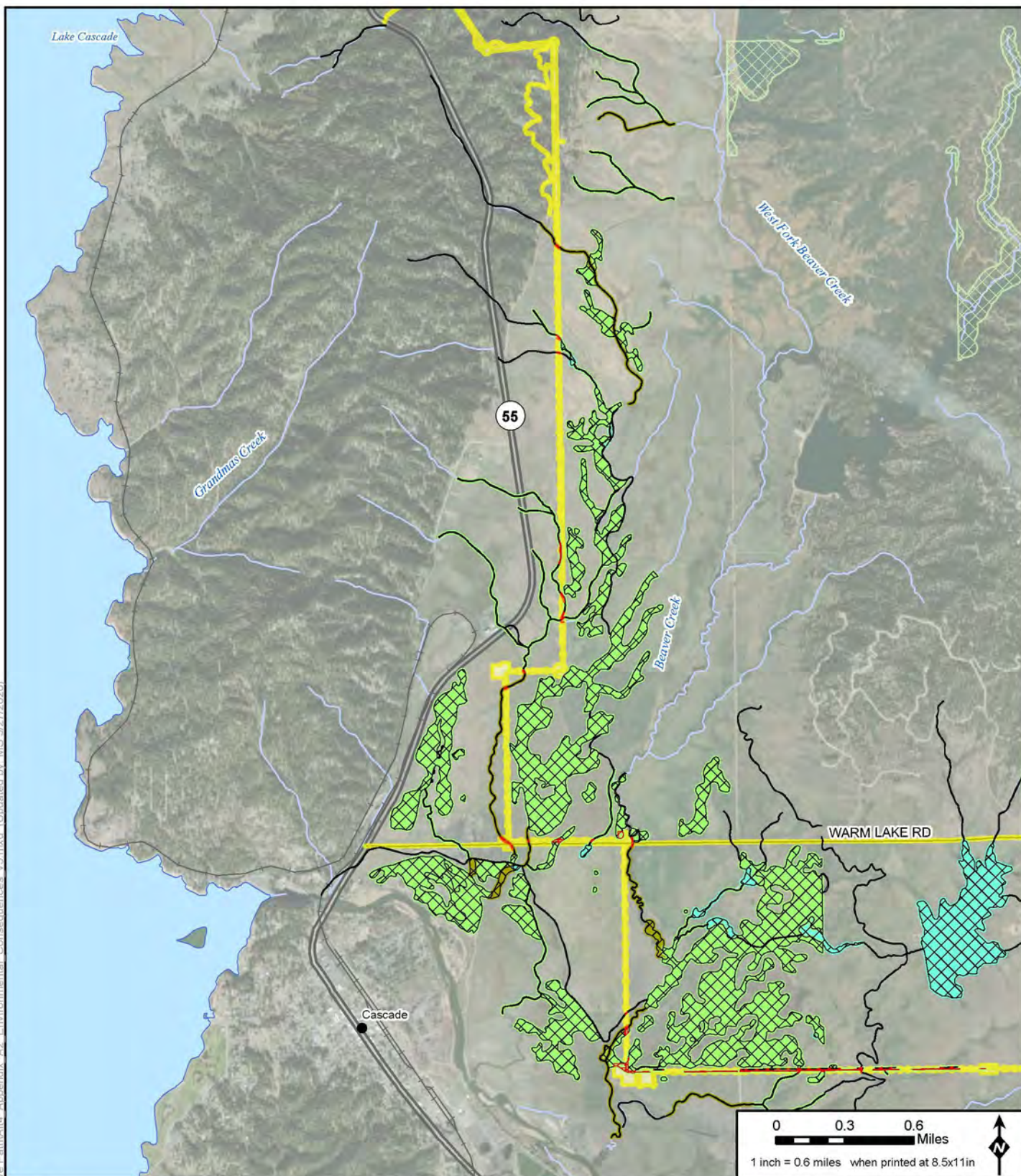


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

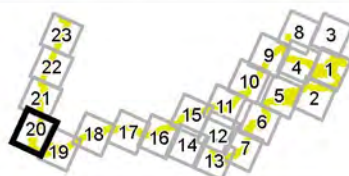
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Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold



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- Legend**
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|--|---|--|--|
| <ul style="list-style-type: none"> Wetland Analysis Area at Mine Site Alternative 4 Project Disturbance Area Impacted Wetland/Stream Avoided Wetland | <ul style="list-style-type: none"> Riparian Conservation Area Wetland Type <ul style="list-style-type: none"> Open Water Emergent Scrub-Shrub | <ul style="list-style-type: none"> Forested Railroad Highway Access Road Road | <ul style="list-style-type: none"> Stream/River Lake/Reservoir |
|--|---|--|--|
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page

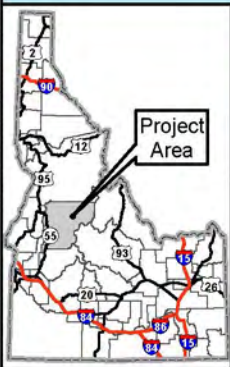
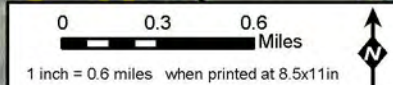
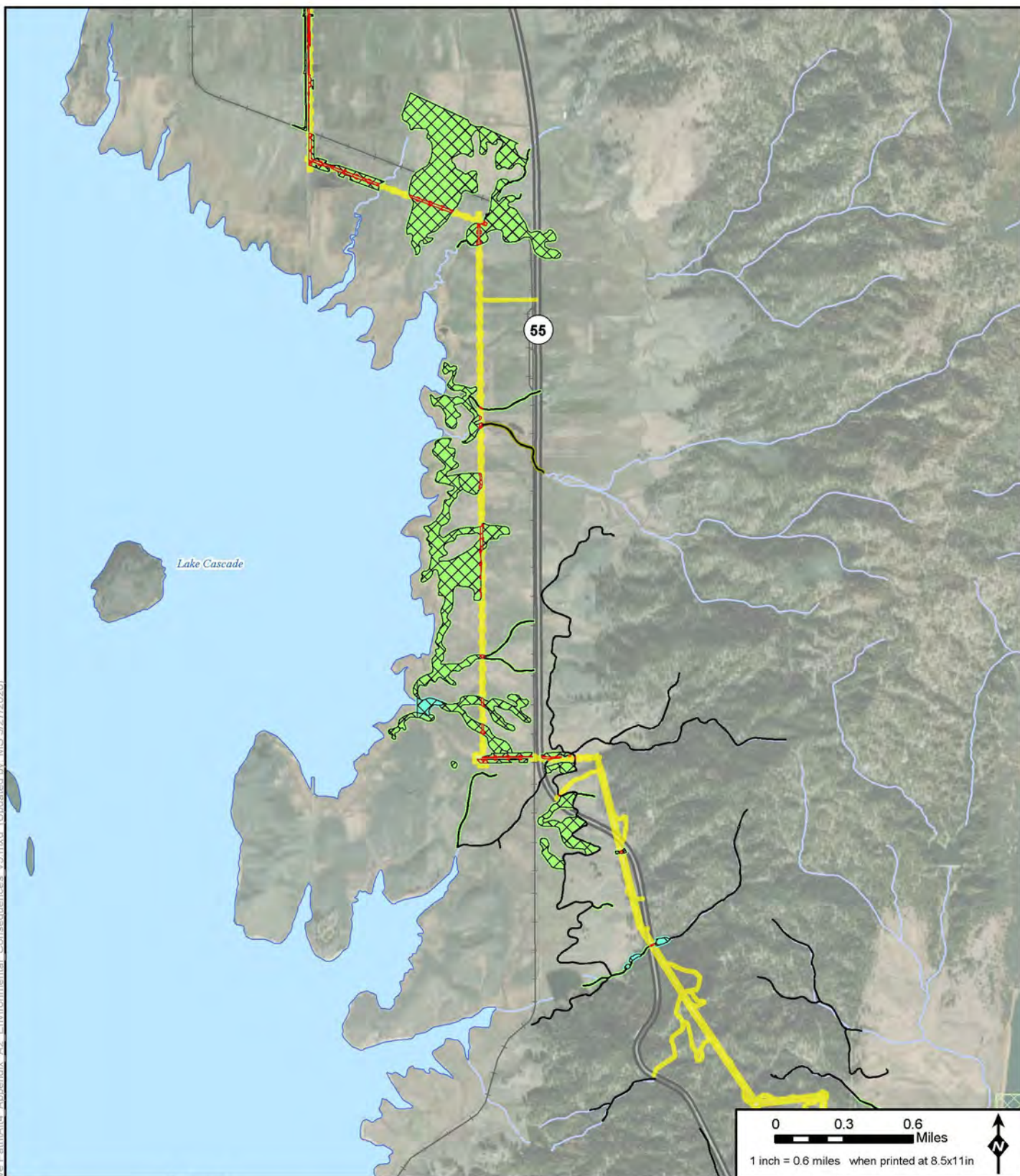


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

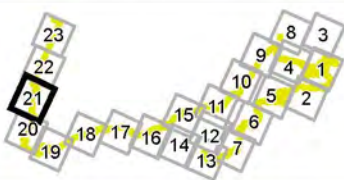
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- Legend**
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|--|---|--|--|
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|--|---|--|--|
- * Project Components are associated with Alternative 4
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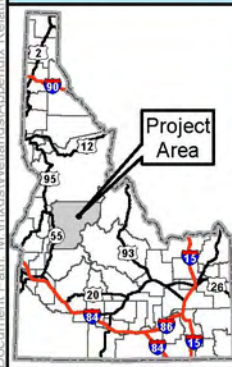
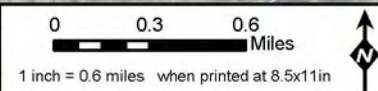
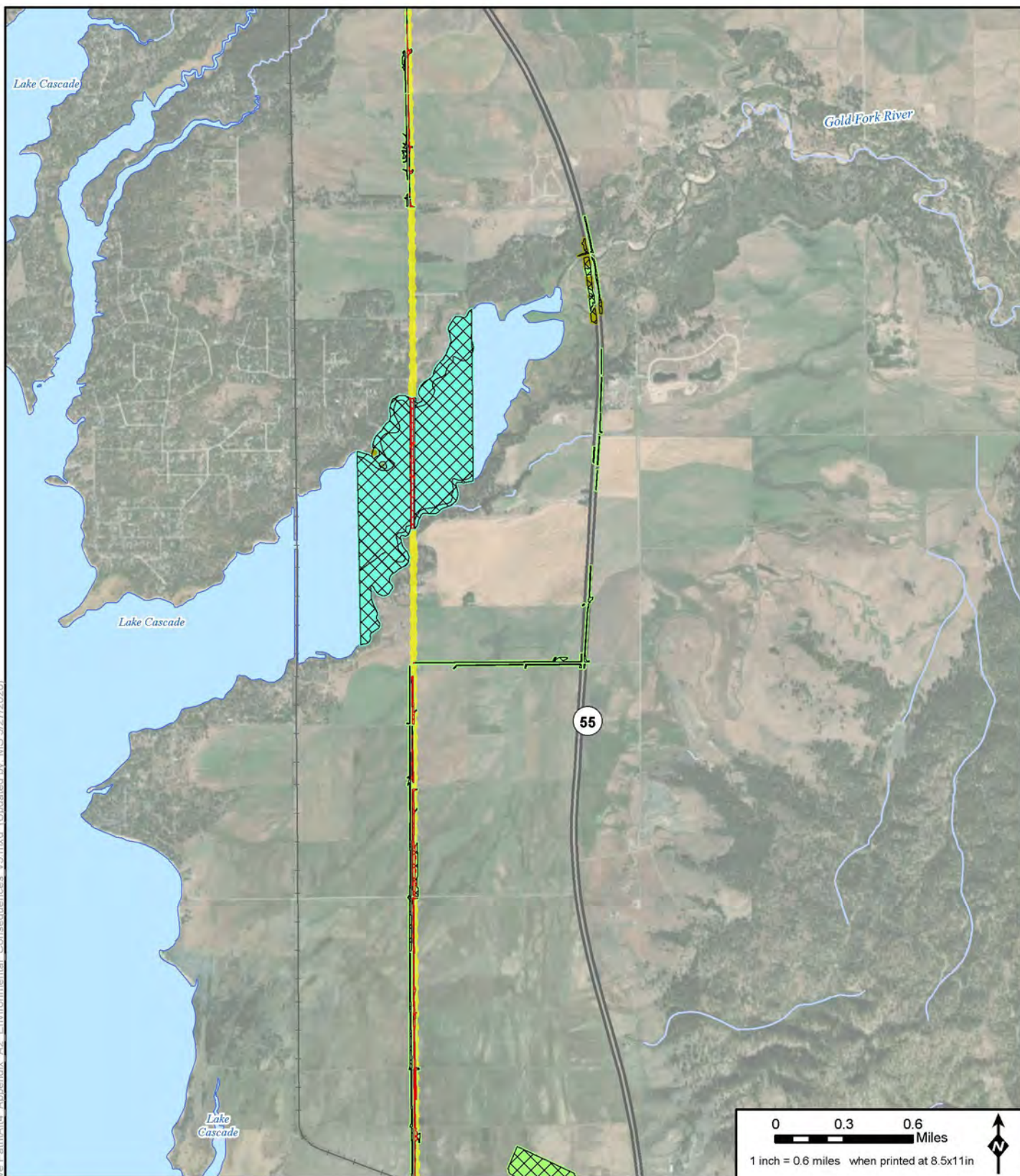


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Other Data Sources: State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest; Midas Gold

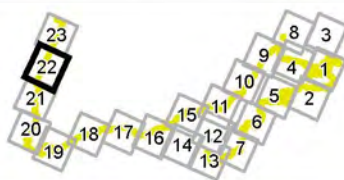


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Legend

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|--|----------------------------|-------------|----------------|
| Wetland Analysis Area at Mine Site | Riparian Conservation Area | Forested | Stream/River |
| Alternative 4 Project Disturbance Area | Open Water | Railroad | Lake/Reservoir |
| Impacted Wetland/Stream | Emergent | Highway | |
| Avoided Wetland | Scrub-Shrub | Access Road | |
| | | Road | |
- * Project Components are associated with Alternative 4
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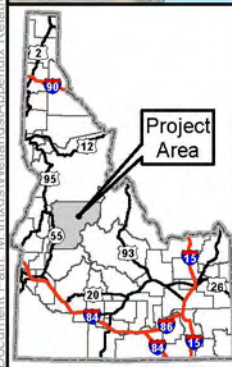
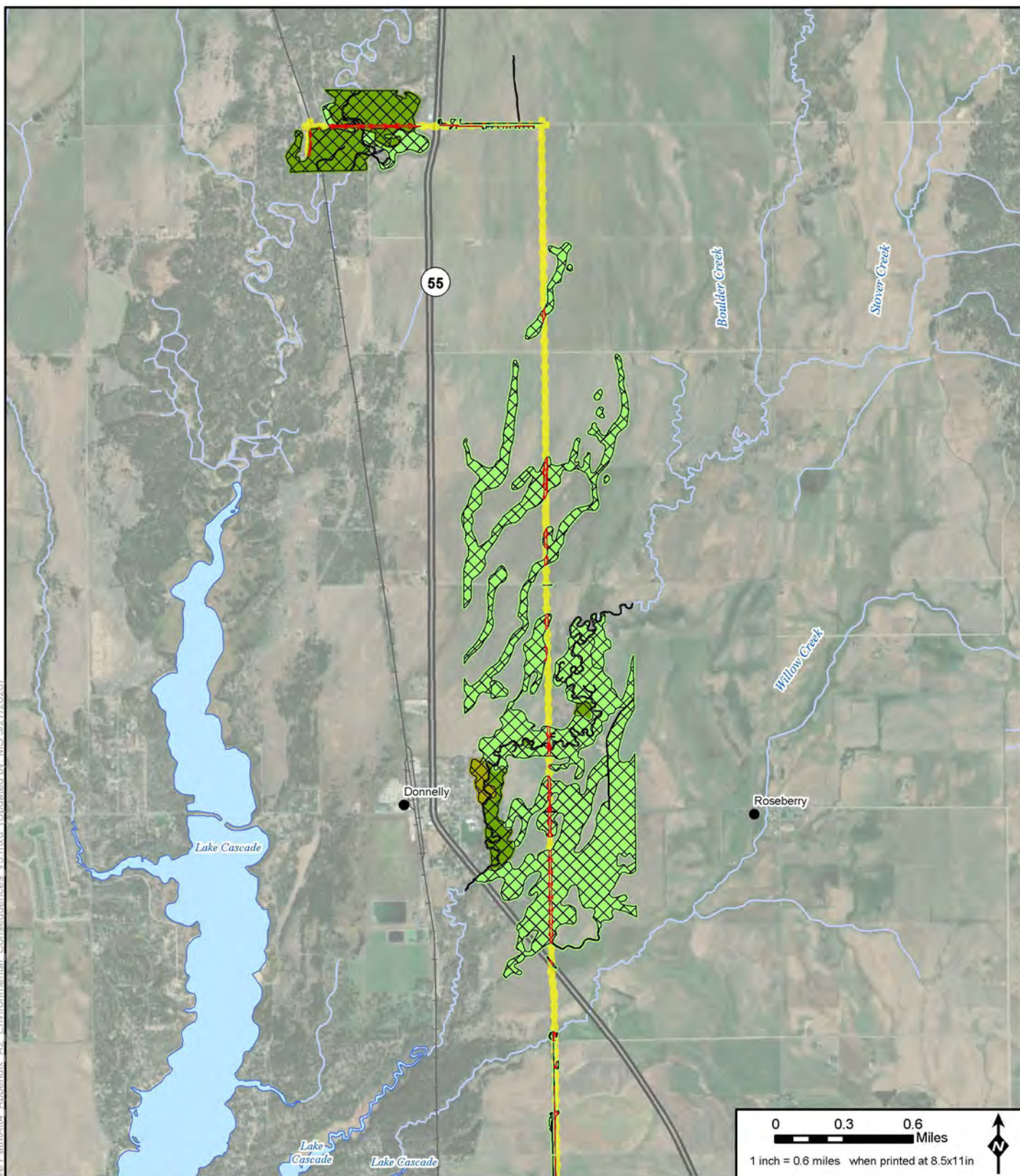


Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
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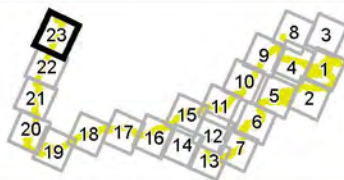


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Legend

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|--|---|--|--|
- * Project Components are associated with Alternative 4
Note: Not all features are visible on this map page



Environmental Consequences Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
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